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TREASURY DEPARTMENT
UNITED STATES PUBLIC HEALTH SERVICE

I

HYGIENIC LABORATORY—BULLETIN No. 107
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CHANGES IN THE PHARMACOPŒIA AND THE NATIONAL FORMULARY

Biological
& Medical
Serials

A DIGEST OF THE
CHANGES AND REQUIREMENTS
INCLUDED IN
THE PHARMACOPŒIA OF THE UNITED STATES
(NINTH DECENNIAL REVISION)
AND IN
THE NATIONAL FORMULARY
(FOURTH EDITION)
WITH REFERENCES TO THE TITLES NOT CONTINUED
FROM THE PRECEDING EDITIONS

By

MARTIN I. WILBERT

WASHINGTON
GOVERNMENT PRINTING OFFICE
1917

"Authority to use for comment the Pharmacopœia of the United States of America, ninth decennial revision, in this volume, has been granted by the board of trustees of the United States Pharmacopœial Convention, which board of trustees is in no way responsible for the accuracy of any translation of the official weights and measures or for any statement as to the strength of official preparations."

"Permission to use for comment parts of the text of the National Formulary, fourth edition, in this volume, has been granted by the Committee on Publication by authority of the Council of the American Pharmaceutical Association.

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ABBREVIATIONS.

To economize space the following abbreviations have been used in the text:

U. S. P. or U. S. P. IX—The Pharmacopœia of the United States of America, Ninth Decennial Revision, official from September 1, 1916.

U. S. P. VIII—The Pharmacopœia of the United States of America, Eighth Decennial Revision, official from September 1, 1905.

N. F. or N. F. IV—The National Formulary, fourth edition, official from September 1, 1916.

N. F. III—The National Formulary of unofficial preparations, third edition, Baltimore, 1906.

P. I.—Protocol Internationale. The International Treaty respecting the unification of the Pharmacopœial formulas for potent drugs.

(v. per cent)—Per cent of content of active constituent of a preparation by volume.

(w/v per cent)—The relation of weight of active constituent to volume of finished preparation.

gm.—gramme.

Mil or mils—Milliliter or milliliters.

(E)—European Pharmacopœias other than those of Scandinavian countries.

(S)—The Pharmacopœias of Scandinavian countries.

For a list of chemical symbols see table of atomic weights, p. 40.

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PREFACE.

It is the province of the Pharmacopœia and similar books of standards to insure uniformity in the supply of medicaments for use by physicians in the prevention and cure of disease, and it is generally recognized that such uniformity is necessary if progress in the science and practice of medicine is to be made.

Recognizing the importance of adequate and equitable standards as a safeguard to public health, the United States Public Health Service many years ago undertook to cooperate in the development of standards for prophylactic and curative preparations and the elaboration and perfection of the several books containing these standards.

Furthermore, on the publication of the eighth decennial revision of the Pharmacopœia of the United States of America, in 1905, a bulletin on the changes in that book was prepared and issued as Hygienic Laboratory Bulletin No. 23. This review was received with general favor and was thought by the board of trustees of the United States Pharmacopœial Convention to have assisted greatly in bringing the various changes in the Pharmacopœia to the knowledge of physicians and pharmacists generally.

The board of trustees of the United States Pharmacopœial Convention subsequently requested the cooperation of the Surgeon General of the United States Public Health and Marine Hospital Service in the revision of the Pharmacopœia by compiling and publishing a continuation of the already well established Digest of Comments on the Pharmacopœia. On the request of the Council of the American Pharmaceutical Association, the Surgeon General of the United States Public Health and Marine Hospital Service, with the consent of the Secretary of the Treasury, directed that the Digest of Comments should in future also include a compilation of comments on the National Formulary. Up to the present time 10 volumes of this series of the Digest of Comments, aggregating a total of 5,556 pages, have been published. The number and variety of comments or references alone suffice to emphasize the general recognition accorded to the Pharmacopœia and the National Formulary as standards for the drugs and medicines used in all parts of the United States.

The publication of new editions of the established books of standards for medicines is of necessity accompanied by an element of uncertainty, because of the many changes in the number and kind of drugs and preparations described therein and also because of possible alterations in strength and nomenclature of widely used preparations. These many and varied changes are of importance not alone to the professions of medicine and pharmacy but also to the public, because of the possibility of error and the accompanying harm that may be done by the mistaking of one preparation for another. With the unusually large number of changes evidenced in connection with the revised editions of the Pharmacopœia and the National Formulary the need for safeguarding the consumer is especially emphasized.

Because of the fact that the Pharmacopœia and the National Formulary are in reality separate and distinct publications it was thought that a comprehensive index of the articles described in recent editions of these two books would be of value to public health officials and to all who are in any way interested in the official standards and requirements for drugs and medicines. To provide a readily available means for determining the present status of any official or recently official article an alphabetical list of the titles included in the U. S. P. VIII, the U. S. P. IX, the N. F. III, and the N. F. IV has been compiled with an outline of the changes and requirements that have been embodied in the revised editions of the U. S. P. and the N. F.

The need of the busy official, chemist, or pharmacist for some such general index is evidenced by the fact that the titles included in these several books are now distributed over six alphabetical arrangements and four distinct indexes.

In the following compilation, the changes in strength and composition are indicated as concisely as practicable, and special attention is directed to changes in nomenclature of official articles as well as additions to and deletions from the list of articles included in the several books. In connection with articles transferred from the National Formulary to the Pharmacopœia or from the Pharmacopœia to the National Formulary this fact is specially noted. The information thus presented is in effect a summary of much of the material previously published in the several volumes of the Digest of Comments on the Pharmacopœia of the United States and on the National Formulary.

To emphasize the relative importance of the several official drugs and chemicals a list of the National Formulary preparations in which the official articles are used has been appended. Articles like water, alcohol, glycerin, and sugar, which occur in a large number of preparations, are not so enumerated.

The presentation of this information in connection with the corresponding enumeration of Pharmacopœial preparations, it was thought, would be of value in that it would tend to call attention to the number and kind of preparations in which the several drugs occur as active or important constituents. So far as practicable the quantities given in connection with the official preparations are based either on a single dose, as in connection with pills and troches, or on the equivalent of 100 grams or 100 mils of the finished preparation, so that the figures given in parenthesis represent per cent by weight or volume, or per cent by weight of drug to volume of the finished liquid preparation (w/v per cent).

In compiling the material an effort has been made to include the official Latin and the official English titles, with the more frequently used synonyms and trade names that appear in current literature.

The English titles and the synonyms have been cross indexed to facilitate reference, and an effort has been made in connection with this index to differentiate between the official English titles and the several synonyms by the use of *italics* for the former. The list of official articles with the accompanying index has been prefaced by a short introductory chapter in which the instructions to the several committees of revision are reviewed in connection with the completed work. The object in mind was to make this publication a practical companion and convenient reference book on the present status of any of the many articles included in either of the four books referred to.

As noted above, this bulletin is designed to serve as an index to the several recent editions of the official standards and can in no sense be considered to take the place of either of these books. For detailed information regarding the composition, strength, tests, and other requirements in connection with the several official articles, readers are referred to the Pharmacopœia and the National Formulary.

M. I. W.

CHANGES IN THE PHARMACOPŒIA AND THE NATIONAL FORMULARY.[1]

HISTORY.

So far as known the Pharmacopœia of the United States was for the first time recognized by statute in the drug importation act of 1848. It was later included in several of the State practice of pharmacy laws, and by practice or regulation was generally adopted as the standard for drugs purchased for the several medical departments of the United States Government. It was not until the enactment of the Federal food and drugs act, June 30, 1906, however, that the book received the attention that was properly due it.

According to section 7 of the food and drugs act, June 30, 1906, a drug shall be deemed to be adulterated:

> First. If, when a drug is sold under or by a name recognized in the United States Pharmacopœia or National Formulary, it differs from the standard of strength, quality, or purity, as determined by the test laid down in the United States Pharmacopœia or National Formulary official at the time of investigation: *Provided*, That no drug defined in the United States Pharmacopœia or National Formulary shall be deemed to be adulterated under this provision if the standard of strength, quality, or purity be plainly stated upon the bottle, box, or other container thereof, although the standard may differ from that determined by the test laid down in the United States Pharmacopœia or in the National Formulary.

During the decade that has elapsed since the enactment of the Federal food and drugs act, recognition by law of the authority of the Pharmacopœia and of the National Formulary has steadily increased, and at the present time practically every State in the Union has on its statute books laws recognizing these two books as the legal standards for drugs and medicines.

The first general convention for the formation of a National Pharmacopœia assembled in the Capitol at Washington January 1, 1820, and the first Pharmacopœia of the United States was published in Boston under date of December 15, 1820. The national conventions have been held decennially since that time and the Pharmacopœia of the United States has been published regularly in compliance with the principles indorsed by the several national conventions.

The following table serves to show the regularity with which the decennial conventions have assembled and the approximate time consumed in the preparation of the manuscripts for the several editions of the Pharmacopœia of the United States:

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[1] Manuscript submitted for publication May 22, 1916.

Table showing time of decennial meetings of the Pharmacopœia convention and dates of publication of editions of the Pharmacopœia.

Pharmacopœia.	Date of meeting.	Date of publication.
U. S. P.	January, 1820	December, 1820.
U. S. P. I	January, 1830	February, 1830.
U. S. P. II	January, 1840	May, 1842.
U. S. P. III	May, 1850	March, 1851.
U. S. P. IV	May, 1860	June, 1863.
U. S. P. V	May, 1870	January, 1873.
U. S. P. VI	May, 1880	October, 1882.
U. S. P. VII	May, 1890	August, 1893.
U. S. P. VIII	May, 1900	July, 1905.
U. S. P. IX	May, 1910	July, 1916.

The sixth revision (1880) marked a very radical departure from established precedents. In this revision all articles were arranged in alphabetical order, a new chemical nomenclature was introduced, comprehensive descriptions of crude drugs and of chemicals were for the first time made a prominent feature, and quantities in the formulas were stated in "parts by weight," thus effectually introducing the metric system of weights and measures into American pharmacy.

In the seventh revision (1890) the adoption of the metric system of weights and measures was completed and methods of assay for energetic or otherwise important drugs which had previously been only tentatively included in the Pharmacopœia were in this edition elaborated on and increased in number. Several of the so-called newer remedies were for the first time recognized in this edition of the Pharmacopœia.

The United States Pharmacopœial Convention which met in Washington to prepare for the eighth revision (May, 1900) elected a board of trustees to transact the business of the organization, and the Committee of Revision was thereby enabled to devote itself entirely to the immediate duties of revision work.

This convention also instructed the newly elected board of trustees to take out articles of incorporation for the convention under the laws of the District of Columbia, thus establishing the organization on a more permanent foundation.

The eighth decennial revision of the Pharmacopœia of the United States included an unusually large number of changes, many of which were made in compliance with the recommendations of the International Conference for the unification of pharmacopœial formulas of potent medicines, which was held in the city of Brussels in September, 1902. These changes, in addition to many of more or less minor importance, due to the establishment of definite standards for pharmacopœial preparations, included 22 articles in which the strength was materially increased, and 35 articles in which the strength of the preparation was markedly decreased. The same pharmacopœia also included a large number of changes in the nomenclature. Among the innovations introduced in this revision, it will suffice to enumerate the introduction of the purity rubric, the introduction of antidiphtheric serum, and the introduction of average doses.

The enactment of the food and drugs act, June 30, 1906, necessitated a review of the requirements of the Pharmacopœia, so as to insure ready compliance on the part of manufacturers and others who were expected to conform strictly with the at times stringent and unusually high standards. A number of modifications in the original requirements of the Pharmacopœia were authorized, and these were published in 1907 in the form of a supplement, entitled, "Additions and Corrections to June 1, 1907."

A Spanish translation of the eighth revision of the Pharmacopœia of the United States, prepared under the direction of the board of trustees, was published in 1909. This Spanish edition of the Pharmacopœia was well received in the Spanish-speaking countries of Central and South America, and has been adopted by statute as the standard for drugs and medicines in Cuba.

A new series of the Digest of Comments was authorized in this revision, and on the request of the board of trustees of the United States Pharmacopœial Convention, the work of compiling and publishing the same was done under the supervision of the Public Health and Marine Hospital Service.

The convention which met in Washington in 1910 also instituted and authorized a number of important changes in the Pharmacopœia and in the method of its making. The Revision Committee, which in recent decades had consisted of 25 members, was changed to include a general committee of revision consisting of 50 members and an executive committee of revision of 15 members, to be selected from the membership of the general committee. This executive committee of revision is in effect the body responsible for the composition, content, and requirements of the Pharmacopœia itself.

A number of special features of unusual interest and value were provided for by the convention. Many of these will be discussed at length in connection with the appended review of the general principles to be followed in the revision of the Pharmacopœia, as outlined by the convention. A few, however, may be mentioned here. In addition to the very decided increase in the number of assay processes for drugs, chemicals, and preparations, the Committee of Revision has embodied more specific directions for preserving chemicals, drugs, and galenical preparations. In many instances special precautions are prescribed to prevent deterioration. In connection with a few drugs, as with almonds, for instance, the drug is directed to be preserved in tightly closed containers in which a few drops of chloroform or carbon tetrachloride are to be added from time to time to prevent attack by insects.

The former appendix to the Pharmacopœia is now designated as Part II, and includes a more systematic arrangement of its contents than heretofore. The list of reagents, test solutions, and volumetric solutions has been materially enlarged, and in connection with many of the tests the committee has deemed it wise to add explanatory remarks or instruction in details of manipulation. Part II also contains a short chapter on sterilization, and a corresponding chapter on percolation. The number of tables has been materially augmented, and the list now includes tables of thermometric equivalents, alcoholometric tables, and tables of temperature correction for the alcoholometric tables; also acid and alkali tables for acetic acid, hydrochloric acid, nitric acid, sulphuric acid, and ammonia. Part I of the Pharmacopœia of the United States contains a total of 782 titles. The total for the two parts of the National Formulary aggregates 781 titles, or a total of 1,567 titles for the two books, as compared with 1,575 in the two books previously official, a reduction of 12.

The changes in the official titles of the Pharmacopœia total 57, as compared with 297 changes of titles in the U. S. P. VIII, and 283 changes of titles in the U. S. P. VII. The list of changes of Latin titles in the N. F. totals 102.

The more important changes in the present revision of the Pharmacopœia of the United States embody a very distinct reduction in the number of articles enumerated, an increase in the number of articles for which a purity rubric has been adopted and an even more marked increase in the number of assay processes for pharmacopœial drugs and preparations. The introduction of assay processes for all articles for which a purity rubric is included will facilitate control of drugs and medicines and should go far toward securing greater uniformity in the composition and purity of official articles. The number of changes in the composition and strength of official preparations is not so great as in the revision of ten years ago. As will be pointed out later, the changes that have been made were designed to bring the Pharmacopœia of the United States more fully in accord with the requirements of the international agreement respecting the unification of the pharmacopœial formulas for potent medicaments signed at Brussels, November 29, 1906.

The number of changes in strength does not by any means reflect the work that has actually been done. Even a superficial comparison of the present Pharmacopœia with the preceding one will show that the U. S. P. IX represents the most comprehensive revision of the official text that has been had up to the present time. Practically every monograph has been rewritten, and the tests and requirements throughout have been materially altered.

The general recognition of the fact that the Pharmacopœia of the United States supplies formulas for only a limited number of the more commonly used medicines led to the preparation and publication of formularies or books of standard formulas for many of the more or less extensively used preparations.

These at first independent efforts culminated in the publication of the National Formulary by the American Pharmaceutical Association in 1888; a revised issue of the book was published in 1896, and a second revision appeared in 1906.

The inclusion of the National Formulary in the pure food and drugs act of June 30, 1906, and its subsequent inclusion in a number of State food and drug laws as a legal standard for the drugs and preparations described therein, gave to this book a new and important status. The present edition (fourth issue) of the National Formulary is the first to be revised and prepared wholly with a view of serving as an equitable and generally acceptable standard for the drugs and preparations described in the monographs that are included in the book. In how far the committee has been able to meet the new responsibilities of the book remains to be learned, but there can be no difference of opinion that the Committee on National Formulary has labored long and assiduously to compile a book that would fully meet the needs of the several, at times divergent, interests that depend on standards of this kind.

The general principles adopted by the members of the United States Pharmacopœial Convention and by the members of the American Pharmaceutical Association in general session are in effect the requirements by which the products of revision are to be measured.

Members of these two associations and others who are interested in the development or in the use of the established standards for drugs will no doubt be interested in a connected comparison of the accomplishments of the committees of revision with the requirements as laid down in the general principles outlined or indorsed by the parent associations.

GENERAL PRINCIPLES TO BE FOLLOWED IN REVISING THE PHARMACOPŒIA.

As now constituted the United States Pharmacopœial Convention includes accredited delegates from incorporated medical pharmaceutical and chemical associations and medical and pharmaceutical schools and colleges. It also includes delegates from a limited number of the several departments of the United States Government, which in the recent (1910) convention was represented by delegates from the United States Public Health Service, Treasury Department; the Bureau of Medicine and Surgery, United States Navy Department; the Surgeon General's Office, United States War Department; and the United States Department of Agriculture.

The decennial meetings of the United States Pharmacopœial Convention are devoted primarily to the election of officers and a committee of revision, to which the necessary work of revising and publishing the Pharmacopœia is intrusted. For a number of decades the members of the Pharmacopœial Convention have also discussed and indorsed a general outline of the scope and the methods to be followed in revising the Pharmacopœia. At the convention held in Washington in 1910, 24 separate recommendations were discussed and indorsed under the caption "General principles to be followed in the revision of the Pharmacopœia." These several recommendations were published in the abstract of the Proceedings of the United States Pharmacopœial Convention, Washington, 1910, and are also reprinted in the introductory pages to the Pharmacopœia itself. They are here presented and commented on in the sequence in which they were indorsed by the convention.

1. SCOPE OF THE PHARMACOPŒIA.

> We recommend that the Committee of Revision be authorized to admit into the Pharmacopœia any medicinal substance of known origin, but no substance or combination of substances shall be introduced if the composition or mode of manufacture thereof be kept secret or if it be controlled by unlimited proprietary or patent rights and the list of substances should be carefully selected with standards for identity and purity as far as possible. Substances used only for technical purposes should not be admitted to the next Pharmacopœia and a statement should be placed in the preface to the effect that standards of purity and strength prescribed in the text of the Pharmacopœia are intended solely to apply to substances which are used for medicinal purposes or in determining the identity and purity of the same.

No one feature of the Pharmacopœia has been more generally discussed than the question of scope. In connection with the several volumes of the Digest of Comments that have been published this discussion has been reviewed at some length, and because of the comprehensiveness of the subject it must suffice to call attention to the references that are included under the general heading "Scope" in the Digest of Comments enumerated above. The appended table showing the number of titles included in the several National Pharmacopœias serves to show at a glance the comparative scope and content of these several national books of standards:

Table showing the number of titles included in the several National Pharmacopœias.

Pharmacopœia.	Published.	Total titles.	General headings.	Drugs.	Chemicals.	Preparations.
Spanish VII	1905	1,073	0	269	260	544
Dutch IV	1905	673	17	200	182	274
Japanese III	1906	706	14	204	207	281
Belgian III	1906	722	25	185	173	339
Austrian VIII	1906	698	19	232	160	287
Danish VII	1907	489	22	142	144	181
Swiss IV	1907	853	29	244	227	353
Swedish IX	1908	583	19	144	179	241
French V	1908	1,122	48	271	293	510
Italian III	1909	669	18	164	193	294
Hungarian III	1909	551	18	142	187	204
German V	1910	671	34	191	202	244
Norwegian IV	1913	543	17	149	169	208
British V	1914	816	0	184	206	426
United States IX	1916	782	9	188	265	320

The deletions from the Pharmacopœia are more numerous than in any previous edition, while the additions are fewer in number.

The list of articles dismissed from the Pharmacopœia includes a total of 242 titles, among them 49 chemical substances, 67 drugs, and 126 preparations. The list of preparations deleted from the Pharmacopœia includes 3 cerates, 2 confections, 1 elixir, 4 plasters, 2 emulsions, 8 extracts, 38 fluid extracts, 4 solutions, 2 mixtures, 2 mucilages, 4 oleates, 7 pills, 2 powders, 10 tinctures, 4 troches, 4 ointments, and the entire list of 10 wines. In connection with the latter class of preparations it is pointed out that wine as a menstruum or solvent can with advantage be replaced by alcohol of various strengths and the uncertainties of the resulting preparations, owing to the variability in quality and the alcoholic content of the wines of commerce, are thus avoided.

The list of articles added to Part I of the Pharmacopœia includes a total of 66 titles, 33 of which are for chemicals, 7 for drugs, 8 for biological products, and 18 for preparations. The latter list includes 3 plasters, 5 extracts, 2 fluid extracts, 2 solutions, and 2 magmas, the latter being a new class of preparation introduced into the Pharmacopœia for the first time, though one, magma magnesia, had previously been included in the National Formulary.

The list of additions to the U. S. P. IX fails to include a number of the more widely used synthetic remedies and several drugs and products occurring in nature, but which are ostensibly protected by patent or other claims to proprietorship.

The inclusion of the National Formulary in the food and drugs act as a standard has permitted the deletion of a number of compound preparations from the Pharmacopœia. The consensus of opinion of the committee was in effect to provide standards for crude vegetable drugs, chemical substances, and such pharmaceutical substances as are most largely used and are simple in their character.

The present Pharmacopœia includes a total of 782 titles and monographs as compared with 958 titles included in the previous Pharmacopœia. In the present Pharmacopœia there are 242 reagents and test solutions, 27 volumetric solutions, and 18 indicators described in the list of test solutions and volumetric solutions, while in the U. S. P. VIII, there were 124 reagents and test solutions, 23 volumetric solutions, and 9 indicators.

The list of additions and deletions is reflected in the appended table, showing the number of additions and dismissals in recent editions of the U. S. P. and in the table showing the comparative number and variety of articles included in recent editions of the U. S. P. and N. F. The latter table shows the comparative number of vegetable, chemical, and animal drugs, also the number of galenical preparations in the several recent editions of the Pharmacopœia of the United States of America, and serves to illustrate the gradual evolution of the scope of the Pharmacopœia.

Table showing the number of additions and dismissals in recent editions of the Pharmacopœia of the United States.

	U. S. P. VI.	U. S. P. VII.	U. S. P. VIII.	U. S. P. IX.
Additions	256	88	121	66
Dismissals	229	92	155	242
Total	485	180	276	308

Table giving comparative number and variety of articles included in recent editions of the Pharmacopœia of the United States and in the National Formulary.

	U. S. P. VI, 1882.	U. S. P. VII, 1893.	U. S. P. VIII, 1905.	U. S. P. IX, 1916.	N. F. IV, 1916.
Vegetable	264	255	220	163	140
Animal	15	18	21	25	6
Chemical	233	239	268	265	42
Galenical	481	473	443	320	584
General formulas	4	5	6	9	12
Total	997	990	958	782	784

As in the previous revision of the Pharmacopœia the newer remedies or synthetic preparations that have been included are found under their chemical rather than under their trade names, though in connection with at least a few the trade name has been included as a synonym.

Table showing the extent to which the several Pharmacopœias now in use have recognized popular new remedies, with the English equivalents of the more widely used titles.

	Ph. Austr. VIII, 1906.	Ph. Belg. III, 1906.	Ph. Brit. V, 1914.	Ph. Dan. VII, 1907.	Ph. Fr. V, 1914.	Ph. Germ. V, 1910.	Ph. Helv. IV, 1907.	Ph. Hisp. VII, 1905.	Ph. Hung. III, 1909.	Ph. Ital. III, 1909.	Ph. Japon. III, 1907.	Ph. Ndl. IV, 1905.	Ph. Norv. IV, 1913.	Ph. Ross. VI, 1910.	Ph. Serb. II, 1908.	Ph. Svec. IX, 1908.	U. S. P. IX, 1916.
Acetanilid (Antifebrin)	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X
Acid, Picric		X	X		X						X						X
Adrenalin (L-Suprarenin)			X			X						¹ X					
Adrenalin, Solution of			X									¹ X					
Antipyrine	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Aristol (Thymol Iodide)		X			X			X						X			X
Aspirin (Acetylsalicylic Acid)		¹ X	X	X	X	X	X		X	X	X	¹ X	X		X	X	X
Atophan (Phenylcinchonic Acid)																	X
Beta-Eucaine Hydrochloride						X	X		X								X
Beta-Eucaine Lactate			X														
Betanaphthol Benzoate					X		X	X		X							
Bismuth Subgallate	X	X		X	X	X	X		X	X	X	X	X	X		X	X
Bismuth Tribromphenolate (Xeroform)							X	X			X		X			X	
Caffeine Sodio-benzoate	X			X			X		X	X	X	X					X
Caffeine Sodio-salicylate		X		X		X	X		X		X	X	X	X			
Calcium Lactate		X	X					X		X							X
Cantharidin			X				X	X									
Chloral Formamide			X			X											
Cotarnine Hydrochloride (Stypticin)																	X
Creosote Carbonate	X	X					X				X		X		X		
Diacetyl Morphine (Heroin)	X													X			X
Diacetyl Morphine Hydrochloride (Heroin Hydrochloride)		¹ X	X			X	X			X	X			X			X
Ethyl Morphine Hydrochloride (Dionin)		¹ X				X	X		X			¹ X					X
Guaiacol Carbonate	X	X	X		X	X	X	X	X	X	X	X		X		X	X
Hexamethylenetetramine (Hexamethylenamine)		¹ X	X			X	X			X	X	¹ X	X			X	X
Lactophenin (Lactylphenetidin)						X	X				X						
Methylene Blue		¹ X			X		X										X
Nitrous Oxide																	X
Novocain		¹ X				X						¹ X	X				
Oxygen		¹ X			X					X						X	X
Phenacetin (Acetphenetidin)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Phenolphthalein		¹ X	X			X			X								X
Protargol	X	X				X	X		X		X	¹ X	X		X		
Pyramidon		¹ X				X			X	X		¹ X					
Quinine Ethyl Carbonate								X		X	X					X	
Saccharin (Benzosulphinide)	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X

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[1] Supplements: Ph. Ndl. I, 1910; II, 1914. Ph. Belg. I, 1913.

Table showing the extent to which the several Pharmacopœias now in use have recognized popular new remedies, with the English equivalents of the more widely used titles—Continued.

	Ph. Austr. VIII, 1906.	Ph. Belg. III, 1906.	Ph. Brit. V, 1914.	Ph. Dan. VII, 1907.	Ph. Fr. V, 1914.	Ph. Germ. V, 1910.	Ph. Helv. IV, 1907.	Ph. Hisp. VII, 1905.	Ph. Hung. III, 1909.	Ph. Ital. III, 1909.	Ph. Japon. III, 1907.	Ph. Ndl. IV, 1905.	Ph. Norv. IV, 1913.	Ph. Ross. VI, 1910.	Ph. Serb. II, 1908.	Ph. Svec. IX, 1908.	U. S. P. IX, 1916.
Salipyrine	X	X		X	X	X	X		X			X	X	X	X		
Salol (Phenyl Salicylate)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Salophen		X			X		X									X	
Serum, Antidiphtheric		X			X	X	X						X				X
Serum, Antitetanic		X			X	X	X										X
Sodium Arsanilate (Atoxyl)		X				X											
Sodium Cacodylate							X			X		X					X
Sodium Methyl Arsenite (Arrhenal)		[1] X			X	X											
Sulphonal	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Stovaine						X											
Tannalbin	X	X				X					X	X				X	
Tannigen		[1] X				X	X										
Tannoform						X	X									X	
Theobromine	X				X		X	X			X	X			X	X	
Theobromine Sodio-salicylate (Diuretin)	X	X	X	X		X	X	X	X	X	X	X			X	X	X
Theophyllin (Theocin)						X											X
Trional (Methyl Sulphonal)	X	X	X		X	X	X	X	X	X	X		X			X	X
Trioxymethylene		X			X					X							
Tropacocaine Hydrochloride		[1] X				X											
Tuberculin		X			X	X	X				X						
Urethane (Ethyl Carbamate) (Diuretn)							X	X						X			X
Vaccine Virus		X					X										X
Veronal		[1] X	X			X	X			X		X	X			X	

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[1] Supplements: Ph. Ndl. I, 1910; II, 1914. Ph. Belg. I, 1913.

2. DOSES.

> We recommend that after each pharmacopœial article (drug, chemical, or preparation) which is used or likely to be used internally or hypodermically, the committee be instructed to state the average approximate (but neither a minimum nor a maximum) dose for adults and, where deemed advisable, also for children. The metric system to be used, and the approximate equivalent in ordinary weights or measures inserted in parentheses. It is to be distinctly understood that neither this convention nor the Committee of Revision created by it intends to have these doses regarded as obligatory on the physician or as forbidding him to exceed them whenever in his judgment this seems advisable. The committee should be directed to make a distinct declaration to this effect in some prominent place in the new Pharmacopœia.

In compliance with the recommendations made in connection with doses, the Committee of Revision has retained the average dose statement. The doses have been carefully revised and will be found to be in accord with our present-day knowledge of the action and uses of drugs.

The preface to the U. S. P. states:

> It is to be distinctly understood that neither the convention nor the Committee of Revision created by it intended to have these doses obligatory on the physician or as forbidding him to exceed them whenever in his judgment this seems advisable. The doses are given in both the metric and apothecaries' systems, but the figures are not interchangeable nor are they to be considered as equivalents.

The refusal to include in the Pharmacopœia of the United States a list of maximum doses has in the past been based on the supposition that no such limit of dose can reasonably well be established and that any arbitrary limit would tend to subject physicians to unnecessary annoyance.

Pharmacists, on the other hand, have always contended that the inclusion of maximum doses in the Pharmacopœia would be a desirable safeguard and would at least serve as a guide in dispensing the more potent drugs and preparations.

Practically all of the European pharmacopœias include tables of maximum single and daily doses. The appended table gives a comparative review of these official maximum doses and emphasizes the generally recognized fact that maximum doses are at best arbitrary and that, as yet, we have little or no satisfactory basis for uniformity in dose requirements.

The following is a list of the Pharmacopœias on which the appended table is based:

Ph. Ndl. IV, 1905.
Ph. Japon. II, 1906.
Ph. Belg. III, 1906.
Ph. Austr. VIII, 1906.
Ph. Dan. VIII, 1907.
Ph. Helv. IV, 1907.
Ph. Svec. IX, 1908.
Ph. Fr. V, 1908.
Ph. Serb. II, 1908.
Ph. Ital. III, 1909.
Ph. Hung. III, 1909.
Ph. Ross. V, 1910.
Ph. Germ. V, 1910.

Table showing highest and lowest maximum single and daily doses, of widely used drugs, and preparations, contained in foreign pharmacopœias, with the number of pharmacopœias in which each article occurs.

Name.	Number of times mentioned.	Highest maximum—				Lowest maximum—			
		Single dose.		Daily dose.		Single dose.		Daily dose.	
		Gm.	Grains or minims.	Gm.	Grains or minims.	Gm.	Grains or minims.	Gm.	Grains or minims.
Acetanilidum	10	0.50	8	2.00	30	0.30	5	1.50	23
Acetphenetidinum	11	1.00	15	4.00	60	.50	8	2.00	30
Acidum hydrocyanicum dilutum	5	.10	1½	.50	8	.10	1½	.30	5
Aconitum	6	.12	2	.50	8	.10	1½	.30	5
Amylis Nitris	4	.20	3	1.40	21	.05	1	.30	5
Antìmonii et Potassii Tartras	12	.20	3	.60	10	.10	1½	.30	5
Antipyrina	10	4.00	60	8.00	120	1.00	15	3.00	45
Apomorphinæ Hydrochloridum	13	.02	⅓	.06	1	.01	⅙	.05	1
Argenti Nitras	12	.03	½	.20	3	.01	⅙	.04	⅔
Arseni Trioxidum	13	.005	⅒	.020	⅓	.005	⅒	.010	⅙
Aspirin	3	1.0	15	6.0	90	1.0	15	5.0	75
Atropinæ Sulphas	13	.001	1/60	.003	1/20	.001	1/60	.003	1/20
Belladonnæ Folia	10	.20	3	.60	10	.10	1½	.20	3
Bromoformum	6	.50	8	1.50	23	.50	8	1.50	23
Caffeina	11	.50	8	2.00	30	.20	3	.60	10
Caffeina Citrata	2	1.00	15	3.00	45	.60	10	2.00	30
Caffeina Sodio Benzoas	6	1.00	15	6.00	90	.50	8	1.50	23
Cantharis	11	.05	8	.20	3	.025	½	.100	1½
Chloralum Hydratum	13	4.00	60	12.00	180	2.00	30	4.00	60
Chloroformum	5	.50	8	3.00	45	.50	8	1.00	15
Cocainæ Hydrochloridum	13	.05	1	.15	2½	.03	½	.06	1
Codeina	7	.10	1½	.30	5	.05	1	.20	3
Codeinæ Hydrochloridum	6	.10	1½	.30	5	.05	1	.20	3
Codeinæ Phosphas	7	.10	1½	.30	5	.075	1½	.30	5
Colocynthis	8	.40	6	1.00	15	.30	5	1.00	15
Creosotum	12	.50	8	2.00	30	.20	3	1.00	15
Cupri Sulphas	8	1.00	15	1.00	15	.50	8	......	......
Diacetyl-morphina	2	.01	⅙	.05	1	.01	⅙	.02	⅓
Diacetyl-morphinæ hydrochloridum	5	.01	⅙	.03	½	.005	⅒	.015	¼
Digitalis	13	.20	3	1.00	15	.10	1½	.80	12
Epinephrina	3	.002	1/20	.004	1/15	.001	1/60	......	......
Ergota	10	1.00	15	5.00	75	1.00	15	3.00	45
Ethyl-morphinæ Hydrochloridum	5	.05	1	.15	2½	.03	½	.10	1½
Extractum Belladonnæ	12	.05	1	.20	3	.02	⅓	.08	1⅓
Extractum Cannabis Indicæ	9	.10	1½	.30	5	.05	1	.15	2½
Extractum Colocynthidis	10	.06	1	.25	4	.05	1	.15	2½
Extractum Hyoscyami	13	.20	3	.80	12	.06	1	.30	5
Extractum Nucis Vomicæ	13	.05	1	.15	2½	.025	½	.050	1
Extractum Opii	12	.15	2½	.50	8	.05	1	.20	3
Fluidextractum Ergotæ	9	1.00	15	6.00	90	.50	8	2.00	30
Fluidextractum Hydrastis	2	1.00	15	4.00	60	1.00	15	4.00	60
Guaiacol	5	.50	8	2.00	30	.30	5	1.00	15
Guaiacolis Carbonas	6	1.00	15	5.00	75	.50	8	2.00	30
Hexamethylenamina	1	1.00	15	3.00	45	......	......	......	......
Homatropinæ Hydrobromidum	6	.001	1/60	.003	1/20	.001	1/60	.003	1/20
Hydrargyri Chloridum Corrosivum	13	.03	½	.10	1½	.01	⅙	.03	½
Hydrargyri Chloridum Mite	4	.60	10	1.80	27	.50	8	1.00	15
Hydrargyri Cyanidum	5	.02	⅓	.06	1	.01	⅙	.03	½
Hydrargyri Iodidum Flavum	8	.05	1	.20	3	.02	⅓	.06	1
Hydrargyri Iodidum Rubrum	11	.02	⅓	.06	1	.015	¼	.05	1
Hydrargyri Oxidum Flavum	10	.03	½	.10	1½	.02	⅓	.06	1
Hydrargyri Oxidum Rubrum	4	.02	⅓	.10	1½	.02	⅓	.06	1
Hydrargyri Salicylas	6	.06	⅓	.06	1	.015	¼	.06	1
Hydrastina	1	.10	1½	.30	5	......	......	......	......
Hyoscyamus	10	.40	6	1.20	18	.20	3	.60	10
Iodoformum	11	.20	3	1.00	15	.10	1½	.60	10
Iodum	10	.03	½	.10	1½	.01	⅙	.05	1
Liquor Potassii Arsenitis	13	.50	7½	2.00	30	.20	3	1.00	15
Lobelia	3	.10	1½	.30	5	.10	1½	.30	5
Methylis Salicylas	1	2.00	30	6.00	90	......	......	......	......
Morphinæ Hydrochloridum	13	.03	½	.10	1½	.02	⅓	.08	1⅓
Morphinæ Sulphas	1	.03	½	.10	1½	......	......	......	......
Nux Vomica	12	.20	3	.60	10	.10	1½	.20	3
Oleoresina Aspidii	6	15.00	240	15.00	240	8.0	120	8.0	120
Oleum Tiglii	13	.05	1	.15	2½	.05	1	.10	1½

Table showing highest and lowest maximum single and daily doses, of widely used drugs, and preparations, contained in foreign pharmacopœias, with the number of pharmacopœias in which each article occurs—Continued.

Name.	Number of times mentioned.	Highest maximum—				Lowest maximum—			
		Single dose.		Daily dose.		Single dose.		Daily dose.	
		Gm.	Grains or minims.	Gm.	Grains or minims.	Gm.	Grains or minims.	Gm.	Grains or minims.
Opii Pulvis	13	.20	3	.60	10	.10	1½	.40	6
Paraldehydum	7	5.00	75	10.00	150	3.00	45	8.00	120
Phenol	11	.10	1½	.50	8	.03	½	.20	3
Phenylis Salicylas	6	2.00	30	6.00	90	1.50	23	5.00	75
Phosphorus	13	.001	1/60	.005	1/10	.001	1/60	.003	1/20
Physostigminæ Salicylas	11	.001	1/60	.003	1/20	.001	1/60	.003	1/20
Physostigminæ Sulphas	2	.001	1/60	.003	1/20	.001	1/60	.003	1/20
Pilocarpinæ Hydrochloridum	13	.03	½	.06	1	.02	1/3	.04	2/3
Plumbi Acetas	13	.10	1½	.50	8	.05	1	.25	4
Pulvis Ipecacuanhæ et Opii	9	1.50	23	6.00	90	1.00	15	3.75	56
Resina Jalapæ	4	1.00	15	3.00	45	.15	2½	.50	8
Resina Podophylli	11	.10	1½	.30	5	.50	8	1.50	23
Resorcinol	8	1.25	19	5.00	75	.50	8	1.50	23
Santoninum	13	.10	1½	.40	6	.10	1½	.30	5
Scilla	4	.50	8	1.50	23	.20	3	.60	10
Scopolaminæ Hydrobromidum	6	.0005	1/100	.002	1/30	.0005	1/100	.001	1/60
Sodii Arsenas	4	.010	1/6	.030	½	.005	1/10	.01	1/6
Sodii Arsanilas	1	.20	3	....	....	....	....	....	....
Sodii Cacodylas	3	.20	3	.20	3	.05	1	.15	2½
Sodii Nitris	2	.30	5	1.00	15	.10	1½	.30	5
Sparteinæ Sulphas	2	.20	3	.60	10	.05	1	.25	4
Stramonium	6	.30	5	1.00	15	.20	3	.50	8
Strophanthinum	1	.0003	1/200	.001	1/60	....	....	....	....
Strychninæ Nitras	12	.01	1/6	.02	1/3	.003	1/20	.01	1½
Strychninæ Sulphas	1	.006	1/10	.018	1/3	....	....	....	....
Sulphonethylmethanum	10	2.00	30	4.00	60	2.00	30	2.00	30
Sulphonmethanum	13	2.00	30	6.00	90	2.00	30	2.00	30
Theobrominœ Sodio-Salicylas	10	1.00	15	8.00	120	1.00	15	3.00	45
Tinctura Aconiti	7	.50	8	1.50	23	.40	6	1.00	15
Tinctura Belladonnæ	9	1.00	15	4.00	60	.40	6	1.00	15
Tinctura Cannabis Indicæ	4	1.25	19	3.75	57	0.40	6	1.00	15
Tinctura Cantharidis	12	.50	8	1.50	23	0.20	3	0.60	10
Tinctura Colchici Seminis	12	2.00	30	6.00	90	1.00	15	3.00	45
Tinctura Digitalis	13	2.00	30	10.00	150	.90	14	2.70	40
Tinctura Hyoscyami	2	1.20	18	3.00	45	1.00	15	4.00	60
Tinctura Iodi	11	.30	5	1.00	15	.15	2½	.60	10
Tinctura Lobeliæ	12	2.00	30	5.00	75	1.00	15	3.00	45
Tinctura Nucis Vomicæ	13	2.50	38	5.00	75	.50	8	2.00	30
Tinctura Opii	13	2.00	30	6.00	90	.60	10	2.50	38
Tinctura Opii Crocata	11	2.00	30	6.00	90	.60	10	2.50	38
Tinctura Scillæ	4	2.00	30	6.00	90	1.50	23	5.00	75
Tinctura Strophanthi	13	.50	8	2.00	30	.25	4	1.00	15
Veratrina	10	.005	1/10	.02	1/3	.002	1/30	.01	1/6
Veronal	4	1.00	15	2.00	30	.75	12	1.50	23
Zinci Sulphas	8	1.00	15	1.00	15	.50	8	.50	8

It is rather disappointing to find that the Committee of Revision has reintroduced into the Pharmacopœia almost unchanged the tables of approximate measures that were included in the eighth revision of the Pharmacopœia. In connection with the metric system this effort to force the use of equivalents that are not in compliance with the practices in countries where the metric system is thoroughly well established is altogether unfortunate.

The almost universal practice to-day is to accept 5 mils (c. c.) as the equivalent of 1 teaspoonful and to consider the relation of tea, dessert, and tablespoonfuls as 1; 2; 3. The equivalents included in the Pharmacopœia, 4, 8, and 15 mils, are not decimal quantities, do not readily lend themselves to the popular use of the metric system of weights and measures, and are not in accord with the actual capacity of spoons which they are said to represent. (See American Medicine, 1905, v. 10, p. 954–956.)

The widespread use of drops as dose measures lead to the adoption by the International Convention (1902) of a dropping device that will yield approximately uniform drops for different medicaments. This international drop counter, as it is called, has been included in practically all of the recently published European Pharmacopœias, but is not referred to in the U. S. P. IX.

3. NOMENCLATURE.

We recommend that changes in the titles of articles at present official be made only for the purpose of insuring greater accuracy, brevity, or safety in dispensing, and to eliminate therapeutically suggestive titles. In the case of newly admitted articles, it is recommended that such titles be chosen as are in harmony with general usage and convenient for prescribing, but in the case of chemicals of a definite composition, the scientific name should be given at least as a synonym.

There should also be inserted, after each article used by physicians in prescriptions, a carefully considered abbreviated name, which may be known as an official abbreviation, in order that uniformity may be established throughout the country with the object of preventing mistakes in reading and compounding prescriptions, and further, to serve as authorized abbreviations in labeling the store furniture of the pharmacist.

The list of changes of English as well as of Latin names is materially smaller than was the corresponding list in the U. S. P. VIII. The more important changes in connection with the matter of nomenclature are the inclusion of official abbreviations and the rather liberal use of synonyms.

The chemical and botanical nomenclature is substantially the same as that adopted for the eighth revision. In the case of new articles the terminology and latinization is in accord with the plan adopted for the former revision. Some botanical changes have been made in the light of further knowledge in this subject, but in most cases Engler and Prantl have been followed as authorities.

For chemical substances several methods for expressing symbolic formulas have been adopted. Throughout the text the condensed formulas are given, and where it was thought desirable the structural characteristics are also indicated.

A new feature in connection with the U. S. P. IX is the introduction of abbreviations of the official Latin titles. It is believed that these abbreviations will be of service to physicians in writing prescriptions and to pharmacists in labeling bottles for their store furniture. Practically the same abbreviations have been included in the fifth edition of the British Pharmacopœia, published in 1914, and it is expected that uniformity will thus be secured throughout all English-speaking countries and possible danger, through faulty abbreviations, avoided.

In all instances in which U. S. P. IX articles which are included in the Brussels treaty of 1906 practically conform to the standards outlined in the International Protocol, the more widely used of the titles suggested have been included as synonyms, followed by the letters P. I. (Protocol Internationale).

The following table, showing the number of changes in official titles recorded in recent editions of the Pharmacopœia of the United States, serves to call attention to the number and the nature of the changes that have been made:

Table showing the number of changes in official titles recorded in recent editions of the Pharmacopœia of the United States.

Pharmacopœias.	Changes in Latin titles.	Changes in English titles.	Total number of changes.
U. S. P. VI, 1880	94	161	255
U. S. P. VII, 1890	58	225	283
U. S. P. VIII, 1900	142	155	297
U. S. P. IX, 1910	29	28	57

For information, and for the purpose of calling attention to the desirability of bringing about greater uniformity in the nomenclature of potent and widely used remedies, an effort has been made in connection with the accompanying compilation of titles and requirements to include a number of the more frequently used foreign titles as synonyms.

4. SYNONYMS.

We recommend that the list of synonyms should be enlarged for the next revision, and the synonyms printed in the text of the Pharmacopœia immediately after the English name of the substance. A statement should be made in the preface of the Pharmacopœia that substances labeled with an official synonym must comply with the same standards, tests, and requirements as are demanded for the official article under any name.

In compliance with the recommendations of the convention the number of synonyms included in the Pharmacopœia has been materially increased. The appended list of official preparations includes in addition to some of the less frequently used synonyms and trade names, also an enumeration of the official titles under which the more important articles and preparations are recognized in foreign pharmacopœias. In a general way it may be said that the names of the British Pharmacopœia comply rather closely with the titles of the U. S. P. and the remaining foreign Pharmacopœias may be classed in two groups, the central or southern European group of countries and the northern or Scandinavian group, in which the Berzelian form of nomenclature is still used. The latter group includes the

Swedish, Norwegian, Danish, and Finnish pharmacopœias and the Latin synonyms in the Netherlands Pharmacopœia.

In the accompanying compilation of titles the letter (S) has been added to indicate the titles used in the northern or Scandinavian countries and the letter (E) to indicate the Latin titles in use in other European countries.

In the U. S. P. IX the synonyms follow the titles and in a few cases are inclosed in quotation marks. These latter names, while not scientifically correct, are so largely used in commerce that it seemed wise to include them. It is understood that a synonym appearing under the title of the drug applies with equal force to the official preparations made from that drug.

Many of the official products and mixtures are identical with or closely related to products marketed under trade names which are more or less restricted in their use. An effort has been made to include in the appended compilation all of the more widely used trade names for definite products that should be made to comply with the official requirements for purity and strength.

5. PURITY AND STRENGTH OF PHARMACOPŒIAL ARTICLES.

We recommend that the committee be instructed to revise as carefully as possible the limits of purity and strength of the pharmacopœial chemicals and preparations for which limiting tests are or may be given. While no concession should be made toward a diminution of medicinal value, allowance should be made for unavoidable, innocuous impurities or variations due to the particular source or mode of preparation, or to the keeping qualities of the several articles.

The purity rubric, which limits the percentage of innocuous impurities, as introduced into the eighth revision, should be continued, and tests and requirements should be appended to each article carrying a purity rubric.

In the case of crude drugs and natural products, the limits of admissible impurities should be placed at such a figure as to exclude any that would not be accepted by other countries.

The purity rubric which was introduced in connection with the U. S. P. VIII for chemical substances has been extended and is now made to apply equally to botanical drugs and to many of the pharmaceutical preparations. In connection with crude drugs the limits of admissible impurities as well as the limitations of ash content have been generally included. In the present Pharmacopœia it has been deemed advisable in some instances to round off decimal figures which are only given for information, as these would otherwise require the extension of decimals to an inconvenient length. For this reason there may be instances, in connection with the articles on chemical substances in which there is some slight difference between requirements of the purity rubric and the statement at the end of the volumetric assay, but the figures given in the rubric are in each case to be construed as defining the standards adopted for the article.

The introductory notice to the U. S. P. IX includes the following statement:

> Standards of purity and strength prescribed in the text of this Pharmacopœia are intended solely to apply to substances which are used for medicinal preparations or in determining the identity or purity of such substances.

A change has been made in the method of stating the quantities to be taken for some of the tests and assays. A convenient quantity is to be taken, the word "about" being used to show that this need not be a definite quantity; this approximate quantity is then weighed and the result of the test or assay based upon the accurate weight.

The words "absence of" and "limit of" are no longer used in the Pharmacopoeia, but a few exceptions may be found in connection with such words as "chloride," "sulphate," and "free alkali."

From the point of view of the medical practitioner changes in strength of galenical preparations require careful consideration. The more important of these changes in the U. S. P. IX are evidenced in connection with opium and its preparation. The maximum morphine content of powdered opium has been reduced from not more than 12.5 per cent of crystallized morphine to not more than 10.5 per cent of anhydrous morphine, and the strength of liquid preparations of opium has been decreased accordingly. This change was made primarily to comply with the requirements of the Brussels Conference protocol. Physicians and others interested in the enforcement of antinarcotic laws will no doubt regret that the Committee of Revision did not see fit to increase the opium strength of camphorated tincture of opium or paregoric so as to make that preparation comply strictly with the requirements of the International Protocol and at the same time remove the preparation from the exemption clause (section 6) of the Harrison antinarcotic law. An unfortunate series of changes is evidenced in connection with several National Formulary preparations in which the narcotic drug content has been reduced so that the resulting preparations will come within the exemption clause of section 6 of the Harrison antinarcotic law.

6. INTERNATIONAL STANDARDS.

The International Conference for the Unification of Formulas for Potent Remedies performed a signal service for all countries by recommending the various pharmacopœias of the world to adopt certain standards for potent medicines. It is recommended that the next Committee of Revision adopt these standards, but it is believed that it would be unwise to require the acceptance of the details of pharmaceutical or other processes recommended by the international conference.

If the finished product conforms to the international standards we believe that each country should be left free to adopt such detail and manipulation as may seem best. Nothing should prevent, however, the adoption of the recommendations of the conference as to details, if in the opinion of the next Committee of Revision, by so doing, the Pharmacopœia can be improved.

A number of minor changes have been made in the standards for drugs and preparations so as to bring these several articles into stricter compliance with the requirements of the International Protocol. The general compliance of the now official articles with the requirements of the Brussels Conference Protocol, 1902, and the resulting international treaty of 1906 is well shown by the accompanying list of the drugs and preparations included in the U. S. P. IX, and the N. F. IV compared with the requirements of the International Protocol. A table showing the compliance of pharmacopœial requirements of the official drugs and preparations with the requirements of the International Protocol has also been included in the prefatory pages of the Pharmacopœia.

A comparison of the titles and requirements included in the international protocol with the titles and requirements of the U. S. P. IX and the N. F. IV.

INTERNATIONAL PROTOCOL.	U. S. P. IX OR N. F. IV.
Aconitum Napellus, L.	
Aconiti tuber seu Tuber "Aconiti." Use only the tuber of the current year, dried. Powdered drug to be used entire, without separation of residue.	Aconitum, U. S. P. Assayed: 0.5 per cent, ether soluble alkaloids. See also biological test. (Tuber of the current year not required.)
Aconiti tinctura seu Tinctura Aconiti. Prepare by percolation with alcohol (70 per cent by volume).	Tinctura Aconiti, U. S. P. 10 w/v per cent, alcohol 70 per cent.
Tincture to be standardized to 0.05 per cent of total alkaloids.	Contains 0.045 to 0.055 w/v per cent of ether soluble alkaloids. (See also biological test.)
Atropa Belladonna, L.	
Belladonnæ folium seu Folium Belladonnæ. Use only the leaf dried. Powdered drug to be used entire.	Belladonna Folia, U. S. P. Assayed: 0.3 per cent total alkaloids. (Root also recognized.)
Belladonnæ tinctura seu Tinctura Belladonnæ. Strength 10 per cent. Prepared by percolation with alcohol (70 per cent).	Tinctura Belladonnæ Foliorum, U. S. P. 10 w/v per cent. Contains from 0.027 to 0.033 w/v per cent of mydriatic alkaloids. Alcohol 50 per cent.
Belladonnæ extractum seu Extractum Belladonnæ. Prepare a solid extract (containing about 10 per cent of water) by means of alcohol (70 per cent).	Extractum Belladonnæ Foliorum, U. S. P. Pilular: 75 per cent alcohol. Powdered: 95 per cent alcohol. Contains from 1.18 to 1.32 per cent of mydriatic alkaloids.
Colchicum autumnale, L.	
Colchici semen seu Semen Colchici. Use only the seed.	Colchici Cormus, U. S. P. and Colchici Semen, U. S. P. (Both Seed and Corm are official.)
Colchici tinctura seu Tinctura Colchici. Strength 10 per cent. Prepare by percolation with alcohol (70 per cent).	Tinctura Colchici Seminis, U. S. P. 10 w/v per cent. Contains from 0.036 to 0.044 w/v per cent of colchicine. Alcohol 60 per cent.
Digitalis purpurea, L.	
Digitalis folium seu Folium Digitalis. Use the leaf of the second year. Powdered drug to be used entire.	Digitalis, U. S. P. Assayed biologically. Leaf of second year not required.
Digitalis tinctura seu Tinctura Digitalis. Strength 10 per cent. Prepared by percolation with alcohol (70 per cent).	Tinctura Digitalis, U. S. P. 10 w/v per cent. Alcohol 75 per cent. Assayed biologically.
Uragoga Ipecacuanha, Baill.	
Ipecacuanhæ radix seu Radix Ipecacuanhæ. Powder only the root bark, rejecting the woody portion. The powder should have an alkaloidal strength of 2 per cent.	Ipecacuanha, U. S. P. (Rio or Cartagena). The whole drug to contain 1.75 w/v per cent of the ether-soluble alkaloids.
Ipecacuanhæ tinctura seu Tinctura Ipecacuanhæ. Strength 10 per cent. Prepare by percolation with alcohol (70 per cent).	Not official.
Ipecacuanhæ sirupus seu Sirupus Ipecacuanhæ. Prepare with 10 per cent of the tincture.	Syrupus Ipecacuanhæ, U. S. P. Seven times stronger than the international Protocol preparation.
Hysoscyamus niger, L.	
Hyoscyami folium seu Folium Hyoscyami. Use only the leaf.	Hyoscyamus, U. S. P. Contains not less than 0.065 w/v per cent of the alkaloids. Leaves and flowering or fruiting tops.
Hyoscyami tinctura seu Tinctura Hyoscyami. Strength 10 per cent. Prepare by percolation with alcohol (70 per cent).	Tinctura Hyoscyami, U. S. P. 10 w/v per cent. Contains from 0.0055 to 0.0075 w/v per cent of mydriatic alkaloids.

A comparison of the titles and requirements included in the international protocol with the titles and requirements of the U. S. P. IX and the N. F. IV—Continued.

INTERNATIONAL PROTOCOL—continued.	U. S. P. IX OR N. F. IV—continued.
Hyoscyami extractum seu Extractum Hyoscyami. Prepare a solid extract (containing about 10 per cent of water) by means of alcohol (75 per cent).	Extractum Hyoscyami, U. S. P. Made with 75 per cent of alcohol. Contains from 0.215 to 0.288 per cent of alkaloids.
Strychnos Nux Vomica, L.	
Strychni semen seu Semen Strychni seu Nux Vomica. Alkaloidal strength (of powdered drug) 2.5 per cent.	Nux vomica, U. S. P. Contains 2.5 per cent of the alkaloids.
Strychni tinctura seu Tinctura Strychni; Nucis Vomicæ tinctura seu Tinctura Nucis Vomicæ. Strength 10 per cent. Prepare by percolation with alcohol (70 per cent). Alkaloidal strength 0.25 per cent.	Tinctura Nucis Vomicæ, U. S. P. 10 w/v per cent. Alcohol 75 per cent. Contains from 0.237 to 0.263 w/v per cent of the alkaloids.
Strychni extractum seu Extractum Strychni; Nucis vomicæ extractum seu Extractum Nucis vomicæ. Prepare by means of alcohol (70 per cent). Alkaloidal strength 16 per cent.	Extractus Nucis Vomicæ, U. S. P. Powdered extract made with 75 per cent alcohol. Contains from 15.2 to 16.8 per cent of the alkaloids.
Opii pulvis seu Pulvis opii. Powder to be dried at 60° C. Strength in morphine 10 per cent.	Opii Pulvis, U. S. P. Assayed: Powdered Opium 10 to 10.5 per cent of anhydrous morphine.
Opii extractum seu Extractum Opii. Strength in morphine 20 per cent.	Extractum Opii, U. S. P. Assayed: 19.5 to 20.5 per cent of anhydrous morphine.
Opii tinctura seu Tinctura Opii. Strength 10 per cent. Prepare by percolation with alcohol (70 per cent. Strength in morphine 1 per cent.	Tinctura Opii, U. S. P. 10 w/v per cent. Alcohol 50 per cent. Contains from 0.95 to 1.05 w/v per cent of anhydrous morphine.
Opii tinctura crocata seu Tinctura Opiicrocata seu Laudanum Sydenhami. Strength in morphine 1 per cent.	Tinctura Opii Crocata, N. F. Contains from 0.95 to 1.05 w/v per cent of anhydrous morphine.
Opii et Ipecacuanhæ pulvis compositus seu Pulvis Doveri. To contain 10 per cent of Pulvis Opii.	Pulvis Ipecacuanhæ et Opii, U. S. P. Ipecac 10, powdered opium 10, sugar of milk 80.
Opii tinctura benzoica seu Tinctura Opii Benzoica. Strength in morphine 0.05 per cent.	Tinctura Opii Camphorata, U. S. P. 0.4 w/v per cent of powdered opium.
Strophanthi tinctura seu Tinctura Strophanthi. Strength 10 per cent. Prepare by percolation with alcohol (70 per cent). Seeds not to be freed from fat.	Tinctura Strophanthi, U. S. P. 10 w/v per cent. Alcohol 95 per cent. Assayed biologically. Purified benzin used to extract fixed oil.
Sclerotium clavicepitis purpuræ Tul. seu Clavicepitis purpuræ Tul. Sclerotium.	
Secale cornutum seu Ergotum Secale. Ergot to be not more than one year old, and kept whole.	Ergota, U. S. P. Must be dried before storing.
Secalis cornuti extractum seu Extractum Secalis Cornuti; Ergoti extractum seu Extractum Ergoti. Prepare a watery extract and make up with alcohol (60 per cent).	Extractum Ergotæ, U. S. P. Alcohol 85, water 15, HCl 1. Purified benzin used to extract fixed oil.
	Extractum Ergotæ Aquosum, N. F. A watery extract.
Secalis cornuti extractum fluidum seu Extractum fluidum Secalis conuti; Ergoti extractum fluidum seu Extractum fluidum Ergoti. Strength 100 per cent.	Fluidextractum Ergotæ, U. S. P. 100 w/v per cent. Diluted alcohol, with 2 per cent HCl.
Acidum hydrocyanicum dilutum. Strength 2 per cent.	Acidum Hydrocyanicum Dilutum, U. S. P. Strength: 1.9 to 2.1 per cent of HCN with not more than 0.1 per cent of HCl.
Laurocerasi aqua seu Aqua Laurocerasi. Strength 0.10 per cent.	Not official.
Amygdalæ amaræ aqua seu Aqua Amygdalæ amaræ. Strength 0.10 per cent.	Aqua Amygdalæ Amaræ, U. S. P. Contains a mere trace of hydrocyanic acid.
Phenoli solutio seu Aqua phenolata. Strength 2 per cent.	Aqua Phenolata, N. F. A mixture of liquified phenol with distilled water, represents approximately 2 per cent of phenol.
Arsenas sodii seu Sodii arsenas; Arsenicicum natrium seu Natrium arsenicum. The crystallized salt, containing 36.85 per cent of arsenic acid.	Sodii Arsenas, U. S. P. Contains 58.98 to 61.92 per cent anhydrous sodium arsenate.
Arsenicalis liquor Fowleri seu Liquor arsenicalis Fowleri seu Kalii arsenicosi liquor. Strength in arsenious acid 1 per cent	Liquor Potassii Arsenitis, U. S. P. Contains potassium arsenite corresponding in amount to not less than 0.975 nor more than 1.025 per cent of arsenic trioxide.

A comparison of the titles and requirements included in the international protocol with the titles and requirements of the U. S. P. IX and the N. F. IV—Continued.

INTERNATIONAL PROTOCOL—continued.	U. S. P. IX OR N. F. IV—continued.
Ferri iodidi sirupus seu Sirupus iodeti ferrosi seu Sirupus ferri, iodati. Strength in anhydrous ferrous iodide 5 per cent.	Syrupus Ferri Iodidi, U. S. P. Contains 4.75 to 5.25 per cent of ferrous iodide.
Cantharidis tinctura seu Tinctura Cantharidis. Strength 10 per cent. Prepare by percolation with alcohol (70 per cent).	Tinctura Cantharidis, U. S. P. 10 w/v per cent. Made with alcohol.
Iodi tinctura seu Tinctura iodi. Strength 10 per cent. Prepare with alcohol (95 per cent).	Tinctura Iodi, U. S. P. Iodine 7 w/v per cent, potassium iodide 5 w/v per cent. Alcohol 90 per cent.
Lobeliæ tinctura seu Tinctura Lobeliæ. Strength 10 per cent. Prepare by percolation with alcohol (70 per cent).	Tinctura Lobeliæ, U. S. P. 10 w/v per cent. Alcohol 50 per cent.
Cocainum hydrochloricum. The anhydrous salt.	Cocainæ Hydrochloridum, U. S. P. Same as International Protocol; melts between 183° and 191° C.
Hydrargyri unguentum seu Unguentum Hydrargyri. Strength 30 per cent.	Unguentum Hydrargyri, U. S. P. 50 per cent (Unguentum Hydrargyri Dilutum, U. S. P. contains about 30 per cent of mercury).
Antimoniale vinum seu Vinum antimoniale; Stibiatum vinum seu Vinum stibiatum. Strength in tartar emetic 0.4 per cent.	Vinum Antimonii, N. F. 0.4 w/v per cent of antimony and potassium tartrate.

Table showing total number of compliances and noncompliances with the requirements of the International Protocol.

Pharmacopœias.	1902			1916		
	Complied.	Did not comply.	Total.	Complied.	Did not comply.	Total.
U. S. P.	4	16	20	20	8	28
Ph. Brit.	3	17	20	24	2	26
Ph. Germ.	17	1	18	17	1	18
Ph. Hung.	8	6	14	16	2	18
Ph. Ital.	10	5	15	19	0	19
Ph. Fr.	3	17	20	17	2	19
Ph. Svec.	12	4	16	15	0	15
Ph. Helv.	17	3	20	20	0	20
Ph. Dan.	9	3	12	14	0	14
Ph. Austr.	13	5	18	18	0	18
Ph. Belg.	2	17	19	22	0	22
Ph. Ndl.	17	4	21	21	1	22
Ph. Hisp.	1	14	15	20	0	20
Ph. Japon.	11	3	14	17	1	18
Ph. Mex.	2	16	18	15	3	18

Altogether it may be said that the requirements of the international treaty signed at Brussels in 1906 are much more closely adhered to in the present edition of the Pharmacopœia than they were in the U. S. P. VIII. The appended tables reproduced from material published in the several volumes of the Digest of Comments serve to illustrate the progress that has been made during the decade that has elapsed since the signing of the international treaty, and clearly reflect the present status of work for international uniformity. These tables also serve to suggest the possibilities of further progress along these lines.

Table showing preparations in various national Pharmacopœias in 1902 compared with proposed international standards.

	U. S. P. VII, 1893.	Ph. Brit. IV, 1898.	Ph. Fr. IV, 1884.	Ph. Germ. IV, 1900, and Suppl. 1895.	Ph. Austr. VII, 1889.	Ph. Hung. II, 1888.	Ph. Ital. II, 1901.	Ph. Ndl. III, 1889.	Ph. Belg. II, 1885.	Ph. Helv. III, 1893.	Ph. Dan. VI, 1893.	Ph. Svec. VIII, 1879.	Ph. Hisp. VI, 1884.	Ph. Japon. II, 1891.	Ph. Mex. III, 1894.	Prot. Internat. - 1902.
Tincture of aconite	35 w/v	5 w/v	20	10	10	20	10	10	....	10	....	....	....	....	....	10
Tincture of belladonna	15 w/v	....	20	....	10	....	....	10	20	10	....	....	20	....	20	10
Tincture of cantharides	5 w/v	1.25w/v	10	10	10	20	10	10	20	10	10	10	....	10	....	10
Tincture of colchicum seed	15 w/v	20 w/v	20	10	....	20	....	10	20	10	....	10	....	10	20	10
Tincture of digitalis	15 w/v	12.5w/v	20	10	20	20	10	10	20	10	10	10	20	10	....	10
Tincture of hyoscyamus	15 w/v	10 w/v	20	10	....	....	....	10	....	....	....	....	20	....	20	10
Tincture of iodine	7 w/v	2.5 w/v	7	10	6	10	8	8	8	8	5	5	6	8.4	8.4	10
Tincture of ipecac	....	....	20	10	10	20	....	10	20	10	....	10	20	....	20	10
Tincture of lobelia	20 w/v	20 w/v	20	10	10	....	10	10	20	10	10	10	....	10	20	10
Tincture of nux vomica	12 w/v	16.6w/v	20	10	10	10	....	10	20	10	10	10	20	10	20	10
Tincture of opium	13 w/v	7.5 w/v	15	10	10	....	10	10	8.4	10	10	10	....	10	12.5	10
Tincture of opium, Sydenham's	....	....	....	10	10	10	....	....	13.5	10	....	....	8	....	12.5	10
Tincture of opium, camphorated	0.5 w/v	0.46w/v	0.45	0.5	....	....	....	0.5	0.5	0.5	0.5	0.5	....	0.5	0.6	0.5
Tincture of strophanthus	5 w/v	2.5w/v	20	10	5	....	5	5	....	10	....	10	....	....	20	10
Bitter almond water	....	....	0.5	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.1	1.3	0.83	0.1	....	0.1
Syrup of Ipecac	7 w/v	....	3	1	1	1	1	5	....	1	....	....	2	....	1	5
Syrup of iron iodide	10	7.3 w/v	0.5	5	5.5	12.2	0.61	5	0.5	1	10	10	0.67	5	1	5
Hydrocyanic acid, dilute	2	2	1	2	....	....	....	2	2.5	....	....	....	10	1	1	2
Ointment of mercury	48.5	48.5	50	33	30	30	50	25	50	34	20	20	50	33	50	30
Solution of potassium arsenite	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Wine of antimony	0.4	0.457	....	0.4	0.4	0.4	0.4	0.4	0.5	0.4	....	0.4	0.4	0.4	0.3	0.4
Powder of ipecac and opium	13	10	10	10	14.3	10	14.3	10	16	10	10	10	8.8	10	10	10

Table showing comparative degree of compliance with international standards by the several Pharmacopœias in 1916.

	U. S. P. IX, 1916.	Ph. Brit. V, 1914.	Ph. Fr. V, 1908.	Ph. Germ. V, 1910.	Ph. Austr. VIII, 1906.	Ph. Hung. III, 1909.	Ph. Ital. III, 1909.	Ph. Ndl. IV, 1905.	Ph. Belg. III, 1906.	Ph. Helv. IV, 1907.	Ph. Dan. VII, 1907.	Ph. Svec. IX, 1908.	Ph. Hisp. VII, 1905.	Ph. Japon. III, 1905.	Ph. Mex. IV, 1904.	Prot. Internat., 1902.
Tincture of aconite	10 w/v	10 w/v	10	10	....	....	10	10	10	10	....	....	10	10	10	10
Tincture of belladonna	10 w/v	10 w/v	10	....	10	10	10	10	10	10	....	....	10	....	10	10
Tincture of cantharides	10 w/v	....	10	10	10	10	10	10	10	10	....	10	10	10	....	10
Tincture of colchicum seed	10 w/v	10 w/v	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Tincture of digitalis	10 w/v	10 w/v	10	10	10	6	10	10	10	10	10	10	10	10	10	10
Tincture of hyoscyamus	10 w/v	10 w/v	10	....	10	....	....	10	10	....	....	....	10	....	10	10
Tincture of iodine	7 w/v	10 w/v	10	10	10	10	10	10	10	10	10	....	....	8.5	....	10
Tincture of ipecac	....	....	10	....	10	10	10	10	10	10	....	10	10	10	10	10
Tincture of lobelia	10 w/v	....	10	10	....	10	10	10	10	10	10	10	10	10	....	10
Tincture of nux vomica	10 w/v	10 w/v	10	10	10	6	10	10	10	10	10	....	10	10	10	10
Tincture of opium	10 w/v	10 w/v	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Tincture of opium, Sydenham's	....	....	....	10	10	10	10	10	10	10	10	10	10	....	10	10
Tincture of opium, camphorated	0.4	0.5	0.5	0.5	....	....	....	0.5	0.5	0.5	0.5	0.5	....	0.5	0.5	0.5
Tincture of strophanthus	10 w/v	10 w/v	10	10	10	10	10	10	10	10	10	10	10	10	....	10
Bitter almond water	0.	....	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Syrup of ipecac	7 w/v	....	1 Ext.	1	1	1	1	1	1	1	....	....	1	1	....	1
Syrup of iron iodide	4.75–5.25	4.9–5.1	....	5	5	5	....	5	5	5	5	5	5	5	1	5
Hydrocyanic acid, dilute	1.9–2.1	2	2	....	....	....	2	2	2	....	....	....	2	....	1	2
Ointment of mercury	50	30	50	33	30	30	30	30	30	30	30	30	30	30	30	30
Solution of potassium arsenite	0.975–1.025	1 w/v	1	1	1	1	1	1	1	1	1	1	1	1	1	.4
Wine of antimony	....	0.4 w/v	....	0.4	0.4	0.4	0.4	0.4	0.4	0.4	....	0.4	0.4	0.4	0.3	0.4
Powder of ipecac and opium	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

Table showing comparative strength of preparations of potent medicaments included in the Brussels Conference protocol and in the several pharmacopœias referred to most commonly in the United States.

	P. I. 1902.	U. S. P. IX, 1916.	Ph. Brit. V, 1914.	Ph. Germ. V, 1910.	Ph. Fr. V, 1908.	Ph. Mex. IV, 1904.
Aconitum napellus (L.):						
Tinctura aconiti—						
Strength	10	10 w/v	10 w/v	10	10	10
Menstruum	A70	A70	A70	A70	A70	A70
Atropa belladonna (L.):						
Tinctura belladonnæ—						
Strength	10	10 w/v	10 w/v	....	10	10
Menstruum	A70	A50	A70	....	A70	A70
Extractum belladonnæ—						
Menstruum	A70	A75	A70	A70	A70	A60
Colchicum autumnale (L.):						
Tinctura colchici—						
Strength	10	10 w/v	10 w/v	10	10	10
Menstruum	A70	A60	A70	A70	A70	A70
Digitalis purpurea (L.):						
Tinctura digitalis—						
Strength	10	10 w/v	10 w/v	10	10	10
Menstruum	A70	A75	A70	A70	A70	A70
Uragoga ipecacuanhæ (Baill):						
Tinctura ipecacuanhæ—						
Strength	10	....	....	10	10	10
Menstruum	A70	....	....	A70	A70	A70
Syrupus ipecacuanhæ—						
Strength	1	7 w/v	....	1	1 Ext.	1
Hyoscyamus niger (L.):						
Tinctura hyoscyami—						
Strength	10	10 w/v	10 w/v	....	10	10
Menstruum	A70	A50	A70	....	A70	A70
Extractum hyoscyami—						
Menstruum	A70	A75	A70	....	A70	A60
Strychnos nux vomica (L.):						
Tinctura nucis vomicæ—						
Strength	10	10 w/v	10	10	10	10
Menstruum	A70	A75	A70	A70	A70	A70
Extractum nucis vomicæ—						
Menstruum	A70	A75	A70	A70	A70	A80
Opium:						
Opii pulvis—						
Requirement	10	10–10.5	....	10	10	10
Extractum opii—						
Requirement	20	20	20	20	20	20
Tinctura opii—						
Strength	10	10 w/v	10 w/v	10	10	10
Menstruum	A70	A50	A50	A35	A70	A70
Tinctura opii crocata—						
Strength	10	....	....	10	....	10
Menstruum	....	....	....	A35	....	A30
Pulvis ipecacuanhæ et opii—						
Requirement	10	10	10	10	10	10
Tinctura opii camphorata—						
Requirement	0.5	0.4	0.5	0.5	0.5	0.5
Tinctura strophanthi—						
Strength	10	10 w/v	10 w/v	10	10	10
Menstruum	A70	A95	A70	A70	A70	A70
Sclerotium claviceptis purpurea (Tul.):						
Extractum ergotæ—						
Menstruum	W	A85+	W+	W+	W+	W+
Fluidextractum ergotæ—						
Strength	100	100 w/v	100 w/v	100	100	100
Menstruum	....	A50+	W+	A20	W+	A60
Acidum hydrocyanicum dilutum:						
Requirement	2	1.9–2.1	2	....	2	1
Aqua amygdalæ amaræ:						
Requirement	0.10	0 ?	....	0.1	....	....
Aqua laurocerasi:						
Requirement	0.10	....	0.1	....	0.1	....
Aqua phenolata:						
Requirement	2	....	....	....	2	....
Sodii arsenas:						
Requirement	Cryst.	Cryst.	Anhydr.	....	Cryst.	Cryst.
Liquor potassii arsenitis:						
Requirement	1	0.975–1.025	1 w/v	1	1	1
Syrupus ferri iodidi:						
Requirement	5	4.75–5.25	4.9–5.1	5	....	1
Tinctura cantharidis:						
Strength	10	10 w/v	1.5 ?	10	10	10
Menstruum	A70	A	A90	A90	A70	A70

Table showing comparative strength of preparations of potent medicaments included in the Brussels Conference protocol and in the several pharmacopœias referred to most commonly in the United States—Continued.

	P. I. 1902.	U. S. P. IX, 1916.	Ph. Brit. V, 1914.	Ph. Germ. V, 1910.	Ph. Fr. V, 1908.	Ph. Mex. IV, 1904.
Tinctura iodi:						
Strength	10	7 w/v	10 w/v	10	10	10
Menstruum	A95	A95	A80+	A90	A95	A95
Tincura lobeliæ:						
Strength	10	10 w/v	....	10	10	10
Menstruum	A70	A50	....	A70	A70	A70
Cocainæ hydrochloridum:						
Requirement	Anh.	Anh.	Anh.	Anh.	Anh.	Anh.
Unguentum hydrargyri:						
Strength	30	50	30	33	50	30
Vinum antimonii:						
Strength	0.4	....	0.4 w/v	0.4	....	0.3

From a review of what has been accomplished, it is quite evident that in connection with the large and steadily growing class of articles that go to make up the common or universal stock of medicines we might well manifest a due and proper consideration for the usages in other countries.

In connection with the more potent articles of this class, it would appear to be particularly desirable that we endeavor to adjust our titles, descriptions, and requirements in such a way that they will comply as nearly as possible with the descriptions and requirements for similar articles in other pharmacopœias.

7. GENERAL FORMULAS.

It is recommended that general formulas be introduced as far as the particular nature of the several drugs will permit, for fluid extracts, tinctures, and such other preparations as are made by identical processes, and that the general formula to be followed in each case be merely indicated by reference.

The term general formulas is used to define a plan to save space and avoid repetition by printing typical formulas for each class of galenical preparations.

The number of general formulas in both the Pharmacopœia and in the National Formulary has been materially increased and the methods and processes for making the several official preparations have thereby been correlated and much simplified.

8. APPENDING A LIST OF PREPARATIONS IN WHICH AN OFFICIAL ARTICLE IS USED.

It is recommended that, especially for the convenience of practicing physicians, there should be appended after each article in the text a list of the official preparations in which it is used.

A few exceptions may be made to this in such cases as water, alcohol, glycerin, sugar, etc.

The list of preparations for which a given drug is used which constituted so popular a feature of the earlier editions of the Pharmacopœia and which was omitted from the U. S. P. VIII is again included in the U. S. P. IX and will no doubt be correspondingly appreciated.

The enumeration of the official preparations containing a drug is primarily a convenience to the physician who desires to select the most suitable form of preparation for any particular use. The lists published in the Pharmacopœia are designed to include only preparations of therapeutically useful drugs, and in the case of compound preparations flavoring ingredients, correctives, and solvents have been omitted as they would occupy a large amount of space and be of only slight value to the physician or the pharmacist.

For general information, an effort has been made, in connection with the appended compilation of official articles, to include a list of the National Formulary preparations in which the several articles are used. This list should prove of interest not alone as an indication of the relative importance of the several official articles, but also as a suggestion for further restricting the number of preparations of any one drug.

9. ALCOHOLIC PERCENTAGE IN OFFICIAL PREPARATIONS.

It is recommended that a range of volume content, of absolute alcohol, be stated in the Pharmacopœia, for each preparation containing alcohol.

Because of the variation in the alcohol content of pharmaceutical preparations due to manipulation and to the variability in the water and extractive content of the drug used in making extractive preparations it was found impracticable to comply fully with the recommendations of the convention to include in the Pharmacopœia a reasonable range of the volume content of absolute alcohol for preparations containing .alcohol. An effort has been made, however, to comply with the intent of the recommendation and a general method for determining the alcohol content of official preparations has been included in Part II of the Pharmacopœia followed by a table showing the average alcohol content of a number of preparations.

This list includes aromatic sulphuric acid, the two official elixirs, 3 liniments, 1 mixture, 15 spirits, and 53 tinctures.

10. ASSAY PROCESSES.

We recommend that the committee be instructed to introduce assay processes for as many of the potent drugs and preparations made therefrom as may be found practicable, provided that the processes of assay are reasonably simple (both as to methods and apparatus required) and lead to fairly uniform results in different hands. As regards the products of such assays, tests of identity and purity should be added wherever feasible.

It is recommended that biological tests or assays, when accurate and reliable, may be admitted.

The number of proximate assay processes has been materially increased and the Subcommittee on Methods of Assay has devoted a considerable amount of time and work to the development of new processes that, it is thought, will give fairly uniform results in the hands of different operators. Many of the processes involve comparatively new principles and it remains to be seen whether the expectations of the committee will be realized.

In connection with a number of drugs for which no reliable chemical tests or assays are available optional biological assay methods have been included in Part II of the Pharmacopœia. The biological assay for cannabis and its preparations is a requirement. These biological tests, with the one exception noted, are not obligatory and the practical result of their inclusion will be watched by Pharmacopœia revision committees in all parts of the world.

In the chemical tests of the Pharmacopœia an extension has been made of the plan adopted in the previous Pharmacopœia for arsenic and heavy metals. The further elaboration of this plan saves space by avoiding the continuous repetition of detail in the text of Part I. The more frequently referred to tests are now included in Part II. In some cases the allowable percentage of moisture in the chemicals is specified in the text under the articles; when not so specified 5 per cent of moisture is permitted provided the chemical is dispensed in a condition of sensible dryness. In the case of chemical tests for innocuous impurities (chlorides, sulphates and others) it is understood that 5 minutes should be allowed to observe the reaction except where the time is specified in the tests.

In connection with practically all chemicals and preparations of chemicals for which a purity rubric has been included, a method of assay has been appended.

Two metals, mercury and zinc with their salts, are assayed by electrolysis. A chemical assay is also provided and the electrolytic method is given as an alternative. A special chapter on the subject has been included in Part II.

In commenting on the language of the chemical tests, the preface says:

> As the Pharmacopœia is now a legal standard the subjunctive form of the previous Pharmacopœia in which nearly every test began has been changed to the imperative mood.

The term ''nonweighable'' in the text in connection with the statement of residual ash is intended to mean a quantity which is not more than 0.0005 gm.

The chemistry of the volatile oils has been thoroughly revised and the individual monographs much elaborated. Among the more important changes in this connection is the combination of the descriptions of oil of wintergreen, oil of birch and methyl salicylate in one monograph with the requirement that the source of the product be specifically stated.

In many instances a refractive index requirement has been added to specific gravity and optical rotation in connection with volatile oils. The addition of data regarding the refractive index is not generally accepted as being necessary or desirable. Schimmel & Co. (Semi-Annual Report, October, 1915, p. 44), in commenting on the inclusion of similar requirements in the British Pharmacopœia, say:

> One innovation we can not approve of is the inclusion of the refractive index. Several years ago * * * we stated that we did not consider it advisable to embody such a constant in a Pharmacopœia, seeing that its limits of value have not by any means been laid down with the required degree of accuracy and seeing also that for the individual oil this value is almost without exception less characteristic than any of the other constants. Our opinion has not altered since then. The figures indicated can only be looked upon as approximate and the limits of value can not be considered reliable.

The determination of physical constants of oils and related products also includes the determination of the melting point, boiling point, and congealing point. Tests which are frequently duplicated are grouped together in Part II under the heading "General tests" in order to save space. The enumeration and description of "Reagents," "Test solutions," and "Volumetric solutions" occupies 56 pages. The list includes a total of 287 reagents, test solutions, volumetric solutions and indicators. The enumeration of the general tests and methods occupies 15 pages and includes methods for the determination of arsenic and the more commonly occurring contaminations, also methods for the deteterminion of ash or nonvolatile matter, the determination of the chemical constants of fats and waxes, the determination of extract content, and the determination of alcohol in official preparations.

In the list of official substances used as reagents, Latin names are not used as titles, the English names being preferred.

11. SERUMS AND OTHER BIOLOGICAL PRODUCTS.

> It is recommended that serums and other biological products, of approved usefulness, if standardized by the Government or one of the departments, may be admitted to the next revision of the Pharmacopœia.

The new additions in the way of biological products are not as numerous as might have been anticipated five years ago. They include 1 serum, 1 vaccine virus, and 1 gland product.

There has been a greater increase, however, in the number of titles. The sera, vaccines and gland products now official, include Antidiphtheric Serum, Purified Antidiphtheric Serum, Dried Antidiphtheric Serum, Antitetanic Serum, Purified Antitetanic Serum, Dried Antitetanic Serum, Vaccine Virus, Dried Suprarenals, Dried Thyroids, Desiccated Hypophysis and Solution of Hypophysis. The formerly official purified oxgall is now replaced by a powdered extract of oxgall.

12. WEIGHTS AND MEASURES.

It is recommended that the committee be instructed to retain the metric system of weights and measures as adopted in the eighth decennial revision.

The metric system of weights and measures has been closely adhered to and the only important changes evidenced in the U. S. P. IX are the use of the word "millilitre" and the abbreviated designation "mil" or plural "mils" in place of the somewhat more cumbersome cubic centimetre or c. c. of former revisions.

Formulas are given only in the metric system of weights and measures. Fluids are usually directed to be measured while solids are weighed. Doses as in the previous edition are given alternately in the metric and the apothecaries' system of weights and measures.

The Committee of Revision, following the precedent established by the British Pharmacopœia, adopted the term mil as the official designation for millilitre or the one-thousandth part of a litre in place of the more cumbersome cubic centimetre or c. c., generally used heretofore. The word mil, which was officially recognized by the British Board of Trade (May 1, 1908), displaces cubic centimetre in the recent edition of the British Pharmacopœia and can therefore be used in prescribing throughout the British Empire.

The word mil and fractions thereof as decimil and centimil appeared originally in the first edition of the British Pharmaceutical Codex, 1907, where their use was resorted to as a means of overcoming the frequently noted absence of a short euphonious designation for small quantities of liquids, which seemed likely to retard the much-to-be desired adoption of the metric system by prescribers. The committee entrusted with the compilation of the British Pharmaceutical Codex expressed the thought that the English custom of measuring liquids, which tends to accuracy and the saving of time in dispensing, requires that there be a convenient short name for metric measures of capacity and the adoption of the new term was considered as completing the metric system for use in English-speaking countries.

The inclusion of the term mil in the Pharmacopœia of the United States and in the National Formulary completes its adoption throughout the English-speaking world and will make for uniformity of practice in all countries of the world in which liquids are measured and solids weighed in the making of pharmaceutical preparations or the dispensing of prescriptions.

13. SUPPLEMENT.

It is recommended that the Committee of Revision be authorized to prepare a supplement to the Pharmacopœia at any time they may deem such action desirable.

The advantage of periodical supplements to a pharmacopœia as widely used as is the Pharmacopœia of the United States has been evidenced by the publication of the several supplements in connection with the Netherlands Pharmacopœia. The fourth edition of this pharmacopœia was published in 1905. The first supplement published in 1910 and the second supplement published in 1914 have sufficed to keep the original publication up to date.

14. PUBLICITY.

It is recommended that the General Committee of Revision make public, for comment and criticism, an abstract of new descriptions and standards and of changes in descriptions and standards proposed, before final adoption.

In compliance with the recommendation to publish in advance the changes in descriptions and standards with the object of informing those interested in the Pharmacopœia of such proposed changes, the Committee of Revision published in 1911 a list of the proposed additions to and deletions from the Pharmacopœia of the United States. Abstracts of the proposed changes with new standards and descriptions were later published in the Journal of the American Pharmaceutical Association and subsequently republished in the form of pamphlets for general distribution to all who might be interested. This information was published in six installments or parts (Part I, J. Am. Pharm. Assoc. 1913, v. 2, p. 1376–1416; Part II, J. Am. Pharm. Assoc. 1914, v. 3, p. 359–416; Part II, ibid., p. 524–552; Part IV, ibid., p. 984–997; Part V, ibid., p. 1100–1110; Part VI, ibid., p. 1581–1583).

15. ATOMIC WEIGHTS.

It is recommended that the system of atomic weights, authorized by the international committee (0=16), be adopted for the next revision.

In compliance with the above suggestion the atomic weights included in the U. S. P. IX are those adopted by the International Committee on Atomic Weights in 1914 using 0 = 16 for the standard. The table of atomic weights in the U. S. P. IX is copied from the report of the International Committee on Atomic Weights for 1915. The report for 1916 was received too late for inclusion, as the Pharmacopœia was already in type.

A table of elements and pharmacopœial chemicals with their atomic and molecular weights has also been included in Part II of the Pharmacopœia. This table occupies 15 pages and will be found to be useful by all who are engaged in practical work. The following table of the names, symbols, and atomic weights of the elementary bodies mentioned in the Pharmacopœia and in the National Formulary is copied from the more comprehensive table printed in the Pharmacopœia. This abbreviated table should be of value in connection with the other data published in this bulletin.

Table of names, symbols, and atomic weights of the elementary bodies mentioned in the Pharmacopœia of the United States and in the National Formulary based on the table adopted by the international committee on atomic weights. (1915) O=16.

Name.	Symbol.	Atomic weight.	Name.	Symbol.	Atomic weight.
Aluminum	Al	27.1	Lithium	Li	6.94
Antimony	Sb	120.2	Magnesium	Mg	24.32
Arsenic	As	74.96	Manganese	Mn	54.93
Barium	Ba	137.37	Mercury	Hg	200.6
Bismuth	Bi	208.0	Molybdenum	Mo	96.0
Boron	B	11.0	Nitrogen	N	14.01
Bromine	Br	79.92	Oxygen	O	16.00
Cadmium	Cd	112.40	Palladium	Pd	106.7
Calcium	Ca	40.07	Phosphorus	P	31.04
Carbon	C	12.00	Platinum	Pt	195.2
Cerium	Ce	140.25	Potassium	K	39.10
Chlorine	Cl	35.46	Silicon	Si	28.3
Chromium	Cr	52.0	Silver	Ag	107.88
Cobalt	Co	58.97	Sodium	Na	23.00
Copper	Cu	63.57	Strontium	Sr	87.63
Fluorine	F	19.0	Sulphur	S	32.07
Gold	Au	197.2	Tin	Sn	119.0
Hydrogen	H	1.008	Tungsten	W	184.0
Iodine	I	126.92	Uranium	U	238.5
Iron	Fe	55.84	Zinc	Zn	65.37
Lead	Pb	207.10			

16. PHYSICAL CONSTANTS.

It is recommended that official methods for taking physical constants be inserted in the "Introductory notices," and these shall apply to all articles in which physical constants are officially used, unless otherwise specifically excepted.

The official methods for testing physical constants have been studied at length and are described in detail in Part II of the Pharmacopœia. The methods for determining melting points, and boiling points have been carefully worked out in connection with the requirements for thermometer standardization promulgated by the Bureau of Standards.

The figures given for melting points as factors in determining the identity and purity of organic chemicals have been determined according to methods which are described in detail in Part II. It is understood that where any of these factors are given with a range instead of a single figure that these are to be regarded as inclusive.

A method for determining the congealing points of liquids is also outlined. Congealing points not stated in the form of requirements are given as information and are not intended as tests of purity.

The statements concerning solubility are not intended as physical constants but as information required in connection with the preparation and dispensing of medicines. A method for the accurate determination of solubilities is outlined. Solubility is expressed by stating the number of millilitres of the solvent in which one gram of a solid or one millilitre of a liquid will remain in solution at a temperature of 25°. The solubility figures given are not intended to be construed as legal requirements, except in the case of volatile oils.

Except where otherwise stated, the specific gravity basis of the U. S. P. is 25°.

DEFINITIONS OF PHYSICAL CONSTANTS.

Melting point is defined as that interval of temperature within which the substance is observed to melt when treated in accordance with the general directions outlined in the Pharmacopœia.

Congealing point is defined as the highest temperature remaining constant for a short time during the congealing of a substance by the method outlined in the Pharmacopœia.

Boiling point is defined as that range of temperature within which at least 95 per cent, by volume, of the substance distills when treated as directed by the Pharmacopœia.

Specific gravity is defined as the weight (in air with brass weights, barometer at 760 m. m.) of a volume of the fluid equal to the same volume of the *unit* (1,000) of pure water at the same temperature. In the tables included in the Pharmacopœia figures are given both for 25°, the official standard temperature, and for 15°.

Optical rotation.—The specific rotatory power is defined as the rotatory power of an optically active liquid substance observed with sodium light and referred to the ideal density 1, and in a tube having a length of 1 decimeter (100 m. m.). Formulas for calculating the specific rotatory power of an optically active substance are appended.

Refractive index is described as the degree of deviation of a ray of light in passing from one transparent substance to another.

17. STANDARD TEMPERATURE.

It is recommended that the standard temperature of 25° C. (77° F.) be retained, as used in the present revision (except in the case of alcohol), and that a table be inserted in the appendix for corresponding figures at 15° C. (59° F.).

The standard temperature of 25° for testing physical constants has been continued, despite the fact that the U. S. P. is the only pharmacopœia in which this degree of temperature appears. The preface to the U. S. P. IX points out that this temperature has been retained in this revision because it has proved more suitable to the climate of the United States. For alcohol the former standard temperature of 60° F. has been retained since the laws and regulations of the internal revenue department of the United States are still based on this degree of temperature.

In connection with the tables of specific gravity of the more important liquid acids and of solutions of ammonia, included in Part II and based on apparent specific gravity at 25°, the corresponding figures at 15° are included with the necessary correction of specific gravity for each 1°.

18. COMPOUND PREPARATIONS.

It is recommended that the introduction of new compound preparations be discouraged as far as possible.

In compliance with the above recommendation a number of compound preparations have been deleted from the Pharmacopœia and no new preparations of this type have been included. Practically all of the compound preparations deleted from the Pharmacopœia have been included in the National Formulary.

19. PHARMACOGNOSTICAL DESCRIPTIONS.

It is recommended that with the description of a crude drug there be included brief pharmacognostical descriptions, both macroscopic and microscopic, where practicable, and there should also be added a statement of the appearance of the structural elements in the powder when examined microscopically, as a means of detecting adulteration.

The pharmacognostical descriptions of crude drugs are given at length, and in this connection it is probable that no pharmacopœia excels or even approaches the U. S. P. in the comprehensiveness and accuracy of its descriptions. The standards provided in the text apply equally to the powdered or ground drug. For the preservation of vegetable or animal drugs from the ravages of insects it is directed in special cases that they be preserved in tightly closed containers and a few drops of chloroform or carbon tetrachloride added. This precaution is intended to aid more particularly in the preservation of drugs in the stock of the pharmacist.

20. POWDERED DRUGS.

It is recommended that in the next Pharmacopœia powdered drugs be required to represent the entire drug unless specifically stated otherwise. Where the drug can be powdered without residue this should be required; in other cases the amount of allowable tailings, gruffs, or residue should be determined and inserted in the text.

In all instances where the drug occurs in commerce in a powdered form the histological characters of the powder are described. The designation of the fineness of powders and of granular salts is based on the formerly used standard of number of meshes per linear inch of sieve through which the powder would pass. The fineness of powders, however, has been redefined in terms of the maximum diameter of the particles of the powder as measured by the width of the opening of the meshes of the sieve from which they received their designating numbers.

21. DIAGNOSTICAL REAGENTS.

It is recommended that there be included in the next Pharmacopœia such reagents, with standards for strength and purity, as are needed for the proper execution of tests that are valuable and important in the making of a correct diagnosis.

The chapter on diagnostical reagents included in Part II of the U. S. P. IX is a comprehensive one and fully in accord with the possible requirements of medical practitioners and laboratory men generally. The introduction of this chapter was warranted by the growing use of chemical reagents for clinical tests and the increasing importance of these tests in determining the presence and nature of disease.

22. DATE WHEN THE NEXT PHARMACOPŒIA BECOMES OFFICIAL.

It is recommended that the Committee of Revision print upon the title page of the next Pharmacopœia a definite date, reasonably distant from the actual date of publication, announcing when the new Pharmacopœia is intended to go into effect and to supersede the preceding one.

The previously made criticisms of the short period of time given between the date of publication of the Pharmacopœia and the date on which it becomes official is to a considerable extent avoided by the preliminary publication of abstracts of the proposed changes in pharmaceutical journals and in the form of reprints.

23. PRECEDENTS.

In all matters not specially provided for, in these general principles the rules established for previous revisions, if there are any, should be generally followed.

In regard to the following of precedents some differences of opinion have arisen, more particularly in connection with the scope of the Pharmacopœia. This feature will be discussed freely, no doubt, in forthcoming reviews of the Pharmacopœia, to which the reader is referred.

24. SOLUBILITIES.

It is recommended that the degree of solubility of drugs in various solvents be given as extensibly as possible.

In commenting on the solubility data in the introductory pages of the Pharmacopœia, it is said:

> The statements concerning the solubilities are intended for information and are not intended as physical constants in the strict sense of this term. The solubility of official articles is usually given at some length and in a general article on solubilities, in Part II of the Pharmacopœia, methods are given for determining the solubility of various substances.

In connection with these directions it is pointed out that the solubility data as given in the Pharmacopœia have for the most part been determined under conditions such as are described in the directions and will therefore frequently show a somewhat higher solubility than would be found in the every-day experience of most pharmacists.

RECOMMENDATIONS TO THE COMMITTEE ON NATIONAL FORMULARY.

The Committee on National Formulary of the American Pharmaceutical Association held a conference in Hot Springs, Ark., in September, 1908, and presented a report in which the principles for revising the National Formulary were outlined (Proc. Am. Pharm. Assoc. 1908, v. 56, p. 487–506).

The following synopsis of the recommendations of this committee published in the preface to the National Formulary (fourth issue) includes practically all of the important principles indorsed by the association, to guide the committee in the revision of the National Formulary:

That the cooperation of the medical profession and the medical departments of the National Government be secured.

That the present scope of the Formulary as indicated in the preface be continued

That conservative action and liberal interpretation be given to the consideration of suitable articles for the Formulary.

That the Metric system only be used.

That the strength of liquid preparations be stated as so many grammes in 100 cubic centimeters.

That all formulas be uniform in style.

That the nomenclature, titles, and synonyms be in conformity with the United States Pharmacopœia or with modern ideas, and that the titles should be descriptive of the composition, and therapeutic or anatomical titles should be discouraged.

That suitable definitions for unofficial ingredients may be added.

That the term "Appendix" be eliminated, and the book designated as Parts I and II.

That the title of the book be the National Formulary.

That a statement be inserted in the preface to the effect that the National Formulary does not assume any responsibility for the therapeutic value of any preparation, and that the question of additions or eliminations be decided mainly on the basis of commercial demands.

That trade-mark names shall not be introduced.

That authority be given to the committee to establish a specific date on which the next edition of the National Formulary shall go into effect.

In the compilation of the present edition of the National Formulary the committee intrusted with its revision was unable to secure the active cooperation of any representative organization of medical men, though, as is pointed out in the preface to the book, individual members of the medical profession have taken a very active part in developing some of the special features of the present edition.

In compliance with a request made by the council of the American Pharmaceutical Association in 1908, the Surgeon General of the Public Health Service, with the approval of the Secretary of the Treasury, directed that the "Digest of Comments on the Pharmacopœia" should in future also include a report of Comments on the National Formulary. This cooperation has been of practical value in that it has been instrumental in bringing to the attention of members of the Committee on National Formulary suggestions and criticisms that otherwise would probably have been overlooked.

The scope of the National Formulary as in former issues is based on usage rather than therapeutic value. The total number of articles has been somewhat increased by the inclusion of standards for drugs that are not included in the Pharmacopœia. The actual number of titles in Part I of the Formulary has not been materially changed from the total of the titles included in the N. F. III. This part includes a total of 596 titles, of which 12 are general headings or descriptions. Part II of the National Formulary includes 188 titles, of which 140 are drugs of vegetable origin, 6 drugs or animal origin, and 42 chemicals. The two parts combined contain a total of 784 titles or two more than are contained in Part I of the U. S. P. IX.

The additions to the National Formulary aggregate a total of 201 titles, including 3 cerates, 2 confections, 10 elixirs, 2 emulsions, 8 extracts, 50 fluid extracts, 5 fluid glycerates and a general formula, 2 infusions, 2 inunctions, 11 solutions, 2 honeys, 4 nebulas, 4 oleates, 2 oils, 18 petroxolins, 7 pills, 2 powders, 4 spirits, 10 syrups, 19 tinctures, 8 troches, 4 ointments, 5 wines, and 16 miscellaneous preparations.

The articles deleted from the previous issue of the National Formulary aggregate a total of 183, including 2 vinegars, 4 acids, 4 cerates, 2 decoctions, 23 elixirs, 12 plasters, 4 emulsions, 7 extracts, 12 fluid extracts, 3 liniments, 15 solutions, 3 mixtures, 3 mucilages, 3 pills, 8 powders, 9 spirits, 9 syrups, 14 tinctures, 8 troches, 3 ointments, 6 wines, and 29 miscellaneous preparations.

All of the formulas in the Formulary are now included in Part I and Part II is devoted entirely to standards for drugs and simples.

Part III of National Formulary is also an entirely novel feature. It consists of descriptions of special tests and reagents reprinted from the U. S. P. IX by special permission of the Board of Trustees of the United States Pharmacopoeial Convention.

Prominent among the additions to the Formulary are the fluid glycerates, a class of preparations thought to have some pharmaceutical advantages. They are of the same strength as fluid extracts, are made with glycerin and water as a menstruum and are usually miscible with water. The class of saponated petrolatums has been considerably extended by the inclusion of formulas for a number of solutions of active medicaments in the simple saponated petrolatum, now called petroxolin. The list of fluid extracts has been augmented by a net increase of 38, 12 having been deleted and 50 added.

The title Unguenta Extensa has been replaced by the shorter title "Mulla," though in other respects the committee has apparently found it to be impracticable to simplify any appreciable number of the longer titles. Many if not all of the formerly common therapeutic titles have been deleted and substituted by titles indicative of the composition of the preparation.

The definitions and the tests for the articles in Part II of the National Formulary have been prepared by the Committee on Standards for Unofficial Drugs and Chemicals of the American Pharmaceutical Association. This committee was appointed and began its work in 1909. Later, at the request of the Committee on National

Formulary, the council of the American Pharmaceutical Association directed the Committee on Standards to cooperate in the preparation of the needed standards for drugs and chemicals used in the National Formulary.

In compliance with the precedent established in the Pharmacopœia of the United States the weights and measures used in the formulas are of the metric system only and the word "mil," plural "mils," has been used throughout the book in place of cubic centimetre or c. c. As in the Pharmacopœia, doses are stated in both the metric system and in approximate, not exact, equivalents in the apothecaries' system of weights and measures.

The several titles of the preparations included in the Brussels Protocol and also included in the National Formulary are accompanied by the initials P. I. to indicate the practical compliance of these articles with the requirements in the Brussels Conference Protocol. Throughout the book the nomenclature and the general style of formulas and descriptions have been made to comply with the Pharmacopœia of the United States. The publication of the Formulary has been held back to some extent in order that the two books may be in full agreement and possible duplications avoided.

Because of the difficulties encountered it was found to be impracticable to state the alcoholic strength of preparations containing alcohol. This is particularly true of fluid extracts and tinctures because of the unavoidable variation in alcoholic strength of many of the preparations due to differences in the moisture content and extract content of drugs. The preface very properly states that at the present time statements of alcoholic strength of preparations are needed chiefly for interstate commerce and are rarely required by the local trade.

Following the precedent established by the U. S. P. IX, abbreviations of the National Formulary titles have been introduced as an aid to prescription writing and for concise labeling. The use of these abbreviations is recommended to avoid ambiguity. A chapter on sterilization has also been included in the National Formulary. This chapter is stated to be for reference for those who are not trained in bacteriological practice. The directions as given are to be considered as instructive and advisory and not absolute or final. As improved methods may be developed, their absence from this chapter is not to be construed as inhibiting their employment.

Altogether it may well be said that the new editions of the Pharmacopœia and the National Formulary are a distinct advance on their predecessors in that the tests for purity and strength have been much elaborated and the requirements are generally higher. The marked increase in the number of methods of assay is designed to insure the ready control of official articles by making it possible to ascertain their relative compliance with the official requirements or rubrics.

The two books now available may very properly be claimed to be the best and most comprehensive standards for drugs so far published.

As noted above, the following compilation of titles with changes and requirements is designed specifically to serve as a guide to show the present status of the several articles included in the present and in the immediately preceding editions of the U. S. P. and the N. F.

The material presented herewith is altogether too fragmentary to serve as more than an elaborated index. For working formulas tests and the complete requirements of the Pharmacopœia and the National Formulary, the reader is referred to the books themselves.

ALPHABETICAL LIST OF OFFICIAL LATIN TITLES, WITH CHANGES AND REQUIREMENTS, DESIGNED TO SHOW THE PRESENT STATUS OF THE SEVERAL ARTICLES INCLUDED IN THE U. S. P. IX, U. S. P. VIII, N. F. IV, AND N. F. III.

Absinthium, N. F. IV, Part II. Absinth.

Absinthium, Wormwood, Madderwort, Vermuth. The dried leaves and flowering tops of *Artemisia Absinthium* Linné without the presence or admixture of more than 5 per cent of foreign matter. Yields not more than 10 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparation: N. F.—Vinum Aurantii Compositum.

Acacia, U. S. P. IX. Acac.

Acacia, Gum Arabic, Gum Senegal. Official in a number of European pharmacopœias as Gummi Arabicum. Acacia is slowly and almost completely soluble in twice its weight of water. Not more than 1 per cent of powdered acacia is insoluble in water.

Preparations: U. S. P.—Mucilago Acaciæ, Syrupus Acaciæ, Pulvis Cretæ Compositus.

N. F.—Used in making Emulsa, Misturæ, Trochisci.

Acetanilidum, U. S. P. IX. Acetanil.

Acetanilid, Acetanilide, Antifebrin; also known as phenylacetamide. Official in European pharmacopoeias as Antifebrinum (E). Melts between 112°–114° and leaves not more than 0.05 per cent of ash. Color test for acetphenetidin and test for readily carbonizable impurities.

Average dose: 0.2 gm. or 3 grains.

Preparation: N. F.—Pulvis Acetanilidi Compositus.

Acetonum, U. S. P. IX. Aceton.

Acetone, Dimethyl-ketone. Contains not less than 99 per cent by weight of C_3H_6O. The residue from 25 mils of acetone does not exceed 0.002 gm.

Preparation: U. S. P.—Collodium Cantharidatum.

Acetphenetidinum, U. S. P. IX. Acetphen.

Acetphenetidin, Phenacetin; also known as Para-acetphenetidin. The monoacetyl derivative of para-amidophenetol. Official in European pharmacopœias as Phenacetinum (E). A saturated aqueous solution is neutral to litmus. Acetphenetidin melts between 133°

and 135°. Ash does not exceed 0.05 per cent. Tests for readily carbonizable impurities and for acetanilid.

Average dose: 0.3 gm. or 5 grains.

ACETUM AROMATICUM, N. F. IV. Acet. Arom.

Aromatic Vinegar. Now a solution of volatile oils in a mixture of alcohol (1), acetic acid (1), and water (2).

ACETUM OPII, N. F. IV, from U. S. P. VIII. Acet. Opii

Vinegar of Opium, popularly known as Black Drop, also known as Lancaster Black Drop and Quaker Black Drop. Granulated opium 10 w/v per cent with myristica and sugar in diluted acetic acid.

Average dose: 0.5 mil. or 8 minims.

ACETUM LOBELIÆ, N. F. III. Deleted.

ACETUM SANGUINARIÆ, N. F. III. Deleted.

ACETUM SCILLÆ, U. S. P. IX. Acet. Scill.

Vinegar of Squill. No change; 10 w/v per cent in diluted acetic acid.

Average dose: 1 mil or 15 minims.

Preparations: U. S. P.—Syrupus Scillæ.

N. F.—Oxymel Scillæ.

ACIDUM ACETICUM, U. S. P. IX. Acid. Acet.

Acetic Acid. Now contains from 36 to 37 per cent of $C_2H_4O_2$. Tests for copper omitted. Method of assay.

Preparations: U. S. P.—Acidum Aceticum Dilutum (which see).

N. F.—Linimentum Terebinthinæ Aceticum. Used in making Acetæ, Syrupus Sanguinariæ.

ACIDUM ACETICUM DILUTUM, U. S. P. IX. Acid. Acet. Dil.

Diluted Acetic Acid. Now contains from 5.7 to 6.3 per cent $C_2H_4O_2$. Tests and method of assay.

Average dose: 2 mils or 30 minims.

Preparations: U. S. P.—Acetum Scillæ (which see). Used in making: Liquor Ammonii Acetatis, Liquor Ferri et Ammonii Acetatis.

N. F.—Acetum Opii. Used in making: Liquor Strychninæ Acetatis, Mistura Adstringens, Syrupus Allii.

ACIDUM ACETICUM GLACIALE, U. S. P. IX Acid. Acet. Glac.

Glacial Acetic Acid. Contains not less than 99 per cent of $C_2H_4O_2$. Boils between 117° and 118°. Congealing point not below 14.5°. Tests for identity and purity and a method of assay.

Preparations: N. F.—Used in making: Liquor Alumini Acetico-Tartratis, Liquor Ferri Acetatis.

ACIDUM BENZOICUM, U. S. P. IX Acid. Benz.

Benzoic Acid. Obtained from benzoin or prepared synthetically. Contains not less than 99.5 per cent of $C_7H_6O_2$. Melts between 120°

and 122° and leaves not more than 0.05 per cent of ash. Tests and a method of assay.

Average dose: 0.5 gm. or 8 grains.

Preparation: U. S. P.—Tinctura Opii Camphorata.

Acidum Boricum, U. S. P. IX. Acid. Bor.

Boric Acid, Boracic Acid. Contains when dry not less than 99.5 per cent of H_3BO_3.

Average dose: 0.5 gm. or 8 grains.

Preparations: U. S. P.—Glyceritum Boroglycerini, Unguentum Acidi Borici.

N. F.—Kaolini, Liquor Antisepticus, Pulvis Antisepticus, Pulvis Talci Boro-Salicylatis.

Acidum Bromauricum, N. F. IV, Part II. Acid. Bromauric.

Bromauric Acid. Contains $HAuBr_4 + 5H_2O$, corresponding to not less than 32.32 per cent of metallic gold Au. Tests for identity and purity.

Average dose: 0.006 gm. or $\frac{1}{10}$ grain.

Preparation: N. F.—Liquor Auri et Arseni Bromidi.

Acidum Camphoricum, U. S. P. VIII. Deleted.

Acidum Carbolicum Iodatum, N. F. III. See Phenolum Iodatum. N. F. IV.

Acidum Citricum, U. S. P. IX. Acid. Cit.

Citric Acid. Contains not less than 99.5 per cent of $C_6H_8O_7 + H_2O$. Leaves not more than 0.05 per cent of ash. Method of assay.

Average dose: 0.5 gm. or 8 grains.

Preparations: U. S. P.—Syrupus Acidi Citrici, Syrupus Aurantii. Used in making: Liquor Magnesii Citratis, Liquor Potasii Citratis, Sales Effervescentes.

N. F.—Used in making: Elixir Ferri Pyrophosphatis, Quininæ et Strychninæ, Liquores (which see), Sales Effervescentes.

Acidum Citricum Saccharatum, N. F. III. Deleted.

Acidum Formicum, N. F. IV. Part II. Acid. Formic.

Formic Acid. An aqueous solution containing from 24 to 26 per cent of HCOOH. Tests for identity and purity and a method of assay.

Average dose: 0.3 mil or 5 minims.

Preparations: N. F.—Elixir Formatum, Elixir Formatum Compositum, Spiritus Acidi Formici.

Acidum Gallicum, U. S. P. IX. Acid. Gallic.

Gallic Acid. Leaves not more than 0.1 per cent of ash and loses not more than 12 per cent of its weight on drying at 100°. Tests for identity and purity and test for tannic acid.

Average dose: 1 gm. or 15 grains.

ACIDUM HYDRIODICUM DILUTUM, U. S. P. IX. Acid. Hydriod. Dil.

Diluted Hydriodic Acid. Contains from 9.5 to 10.5 per cent of HI. Tests and a method of assay.

Average dose: 0.5 mil or 8 minims.

Preparation: U. S. P.—Syrupus Acidi Hydriodici.

ACIDUM HYDROBROMICUM DILUTUM, U. S. P. Acid. Hydrobrom. Dil.

Diluted Hydrobromic Acid. Contains from 9.5 to 10.5 per cent of HBr. Residue on evaporation limited; not to exceed 0.01 per cent. Method of assay.

Average dose: 1 mil or 15 minims.

Preparation: N. F.—Elixir Calcii Bromidi.

ACIDUM HYDROCHLORICUM, U. S. P. IX. Acid. Hydrochl.

Hydrochloric Acid; formerly known as Muriatic Acid or Spirit of Salt. Official in Northern Europe as Acidum Hydrochloratum (S). Contains from 31 to 33 per cent of HCl.

Preparations: U. S. P.—Acidum Hydrochloricum Dilutum (which see), Acidum Nitrohydrochloricum, Acidum Nitrohydrochloricum Dilutum. Used in making: Liquor Ferri Chloridi, Liquor Zinci Chloridi.

N. F.—Used in making: Elixir Pepsini, Fluidextractum Cinchonæ Aquosum, Glyceritum Pepsini, Liquores (which see), Syrupus Calcii Hydrochlorophosphatis.

ACIDUM HYDROCHLORICUM DILUTUM, U. S. P. IX.
Acid. Hydrochl. Dil.

Diluted Hydrochloric Acid. Contains from 9.5 to 10.5 per cent of Hcl. Method of assay added.

Average dose: 1 mil or 15 minims.

Preparations: U. S. P.—Used in making: Extractum Ergotæ, Liquor Acidi Arsenosi.

N. F.—Used in making: Extractum Conii, Liquor Pepsini Antisepticus.

ACIDUM HYDROCYANICUM DILUTUM, U. S. P. IX.
Acid. Hydrocyan. Dil.

Diluted Hydrocyanic Acid; sometimes referred to as Prussic Acid. Included in the International Protocol as Acidum Hydrocyanicum Dilitum (P. I.). Contains from 1.9 to 2.1 per cent of HCN. Tests and method of assay.

Average dose: 0.1 mil or 1.5 minims.

ACIDUM HYPOPHOSPHOROSUM, N. F. III. Deleted.

ACIDUM HYPOPHOSPHOROSUM, U. S. P. IX. From N. F. III.
Acid. Hypophos.

Hypophosphorous Acid. Contains from 30 to 32 per cent of HPH_2O_2. Tests and method of assay.

Preparation: U. S. P.—Acidum Hypophosphorosum Dilutum (which see).

N. F.—Used as a preservative in a number of preparations.

Acidum Hypophosphorosum Dilutum, U. S. P.
Acid. Hypophos. Dil.

Diluted Hypophosphorous Acid. Contains from 9.5 to 10.5 per cent of HPH_2O_2. Method of assay.

Average dose: 0.5 mil or 8 minims.

Preparations: U. S. P.—Used as a preservative in Syrupus Ferri Iodidi, Syrupus Hypophosphitum.

N. F.—Used as a preservative in Liquor Ferri Protochloridi, Syrupus Hypophosphitum Compositus, Syrupus Ammonii Hypophosphitis.

Acidum Lacticum, U. S P. IX. Acid. Lact.

Lactic Acid. Contains the optically inactive alphahydroxypropionic acid and lactic anhydrides, equivalent to a total of from 85 to 90 per cent of $C_3H_6O_3$. Tests for glycerin and a method of assay.

Average dose: 2 mils or 30 minims.

Preparation: U. S. P.—Syrupus Calcii Lactophosphatis.

N. F.—Elixir Calcii Lactophosphatis, Elixir Glycerophosphatum Compositum, Elixir Pepsini et Rennini Compositum, Emulsum Olei Morrhuæ cum Calcii Lactophosphatis.

Acidum Metaphosphoricum Dilutum, N. F. III. Deleted.

Acidum Nitricum, U. S. P. IX. Acid. Nitric.

Nitric Acid; formerly known as Aqua Fortis. Contains from 67 to 69 per cent of HNO_3. Tests and a method of assay.

Preparations: U. S. P.—Acidum Nitrohydrochloricum, Acidum Nitro-hydrochloricum Dilutum. Used in making: Liquor Ferri Chloridi, Liquor Ferri Sulphatis, Liquor Ferri Tersulphatis, Liquor Zinci Chloridi, Unguentum Hydrargyri Nitratis.

N. F.—Mistura Camphoræ Acida. Used in making: Glyceritum Bismuthi, Liquores (which see).

Acidum Nitricum Dilutum, U. S. P. VIII. Deleted.

Acidum Nitrohydrochloricum, U. S. P. IX. Acid. Nitrohydrochl.

Nitrohydrochloric Acid, Nitromuriatic Acid; formerly known as Aqua Regia. Made by mixing nitric acid (18) and hydrochloric acid (82). Must contain free chlorine. Ten mils should not leave on evaporation more than 0.0035 Gm. of residue.

Average dose: 0.2 mil or 3 minims.

Acidum Nitrohydrochloricum Dilutum, U. S. P. IX.
Acid. Nitrohydrochl. Dil.

Diluted Nitrohydrochloric Acid, Diluted Nitromuriatic Acid. Contains hydrochloric acid, nitric acid, nitrosyl chloride and chlorine.

Made by mixing nitric acid (4), hydrochloric acid (18), and distilled water (to make 100). A requirement for free chlorine.

Average dose: 1 mil or 15 minims.

ACIDUM OLEICUM, U. S. P. IX. Acid. Oleic.

Oleic Acid. Does not become semisolid above 9° and congeals to a whitish, solid mass at or about 4°. Ash does not exceed 0.1 per cent. Tests for mineral acids.

Preparation: U. S. P.—Oleatum Hydrargyri.

N. F.—Oleata, Petroxolina.

ACIDUM PHENYLCINCHONICUM, U. S. P. IX. New.
Acid. Phenylcinch.

Phenylcinchonic Acid, Phenyl-quinoline-carboxylic Acid; better known under the trade-name Atophan. Melts at 210° with partial decomposition. 0.5 gm. leaves no weighable residue.

Average dose: 0.5 gm. or 8 grains.

ACIDUM PHOSPHORICUM, U. S. P. IX. Acid. Phos.

Phosphoric Acid. Contains from 85 to 88 per cent of H_3PO_4. Tests and method of assay.

Preparations: U. S. P.—Acidum Phosphoricum Dilutum, Syrupus Calcii Lactophosphatis.

N. F.—Elixir Calcii et Sodii Glycerophosphatum, Elixir Calcii Lactophosphatis, Elixir Gentianæ Glycerinatum, Liquor Phosphatum Acidus, Liquor Phosphatum Compositus (which see), Syrupus Ferri Lactophosphatis, Syrupus Ferri, Quininæ et Strychninæ Phosphatum.

ACIDUM PHOSPHORICUM DILUTUM, U. S. P. IX. Acid. Phos. Dil.

Diluted Phosphoric Acid. Contains from 9.5 to 10.5 per cent of H_3PO_4. Method of assay.

Average dose: 2 mils or 30 minims.

ACIDUM SALICYLICUM, U. S. P. IX. Acid. Salicyl.

Salicylic Acid, Orthohydroxybenzoic Acid. Contains when dried not less than 99.3 per cent of $C_7H_6O_3$. May be obtained from plants or prepared synthetically. Melts between 156° and 159° and leaves not more than 0.1 per cent of ash. Method of assay.

Average dose: 0.75 gm. or 12 grains.

Preparations: N. F.—Collodium Salicyli Compositum, Glycerogelatinum Acidi Salicylici, Unguentum Salicylatum Extensum, Pasta Zinci, Petroxolinum Salicylatum, Pulvis Antisepticus, Pulvis Talci Boro-Salicylatis, Stilus Acidi Salicylici Dilubilis, Mulla Acidi Salicyli, Mulla Creosoti Salicylata.

ACIDUM STEARICUM, U. S. P. IX. Acid. Stear.

Stearic Acid. Official in European pharmacopœias as Stearinum (E). A mixture of fat acids consisting chiefly of stearic acid. Melting point not below 56°.

Preparation: N. F.—Linimentum Saponato-Camphoratum.

Acidum Sulphuricum, U. S. P. IX. Acid. Sulph.

Sulphuric Acid; popularly known as oil of Vitriol. Contains from 93 to 95 per cent of H_2SO_4. Method of assay.

Preparations: U. S. P.—Acidum Sulphuricum Aromaticum, Acidum Sulphuricum Dilutum. Used in making: Liquor Ferri Subsulphatis, Liquor Ferri Tersulphatis.

Acidum Sulphuricum Aromaticum, U. S. P. IX.
Acid. Sulph. Arom.

Aromatic Sulphuric Acid. Contains free sulphuric acid and ethylsulphuric acid together, equivalent to from 19 to 21 per cent of H_2SO_4, with tincture of ginger (5), oil of cinnamon (0.1), and alcohol (to make 100). Method of assay for sulphuric acid.

Average dose: 1 mil or 15 minims.

Preparation: N. F.—Infusum Cinchonæ.

Acidum Sulphuricum Dilutum, U. S. P. IX. Acid. Sulph. Dil.

Diluted Sulphuric Acid. Contains from 9.5 to 10.5 per cent of H_2SO_4. Method of assay.

Average dose: 1 mil or 15 minims.

Preparations: N. F.—Infusum Rosæ Compositum, Syrupus Rosæ.

Acidum Sulphurosum, U. S. P. VIII. Deleted.

Acidum Tannicum, U. S. P. IX. Acid. Tann.

Tannic Acid, Gallotannic Acid, Tannin. Official in European pharmacopœias as Acidum Gallotannicum (E), (S). Does not lose more than 12 per cent of its weight when dried at 100°.

Average dose: 0.5 gm. or 8 grains.

Preparations: U. S. P.—Glyceritum Acidi Tannici, Trochisci Acidi Tannici, Unguentum Acidi Tannici.

N. F.—Collodium Stypticum, Syrupus Iodotannicus.

Acidum Tartaricum, U. S. P. IX. Acid. Tart.

Tartaric Acid. Contains not less than 99.5 per cent of $C_2H_6O_6$. Method of assay and test for lead.

Average dose: 0.5 gm. or 8 grains.

Preparations: U. S. P.—Used in making Sales Effervescentes.

N. F.—Elixir Pepsini Bismuthi et Strychninæ, Glyceritum Bismuthi, Liquor Alumini Acetico-Tartratis, Liquor Sodii Citrotartratis Effervescens, Sales Effervescentes.

Acidum Tartaricum Saccharatum, N. F. III. Deleted.

Acidum Trichloraceticum, U. S. P. IX. Acid. Trichloracet.

Trichloracetic Acid. Contains not less than 99 per cent of $C_2HO_2Cl_3$ when dried to constant weight. When incinerated should leave not more than 0.05 per cent of ash. When the acid is heated with potassium hydroxide, it is decomposed with the formation of chloroform and potassium carbonate. Method of assay.

ACONITINA, U. S. P. IX. Aconitin.

Aconitine. An alkaloid obtained from aconite. Melts at about 195°. Alcohol test with ammonium vanadate.

Average dose: 0.00015 gm. or $\frac{1}{400}$ grain.

Preparation: N. F.—Oleatum Aconitinæ.

ACONITUM, U. S. P. Aconit.

Aconite, Monkshood, Aconite Root. Included in the International Protocol as Tubera Aconiti or Aconiti Tuber (P. I.). The dried tuberous root of *Aconitum Napellus* Linné without more than 5 per cent of stems and other foreign matter. Ash not exceeding 6 per cent. 0.5 per cent of ether soluble alkaloids; a chemical and a biological method of assay.

Average dose: 0.03 gm. or $\frac{1}{2}$ grain.

Preparations: U. S. P.—Extractum Aconiti, Fluidextractum Aconiti, Tinctura Aconiti.

ADEPS, U. S. P. IX.

Lard. Official in European pharmacopœias as Adeps Suillus (E), Exungia Proci (S). The purified internal fat of the abdomen of the hog (*Sus scrofa*, var. *domesticus* Gray, Fam. *Suidae*). Melts at from 36° to 42°. Has a saponification value of not less than 195 nor more than 203 and an iodine value of not less than 46 nor more than 70.

Preparation: U. S. P.—Adeps Benzoinatus (which see).

ADEPS BENZOINATUS, U. S. P. IX. Adeps Benz.

Benzoinated Lard. Official in European pharmacopœias as Adeps Benzoatus (E), Axungia Benzoata (S). Lard treated with 1 per cent of Siam Benzoin.

Preparations: U. S. P.—Cerata Unguenta.

N. F.—Mullæ, Pastæ, Unguenta.

ADEPS LANAE, U. S. P. IX. Adeps. Lan.

Wool-fat. Official in European pharmacopœias as Adeps Lanae Anhydricus (E). The purified fat of the wool of sheep (Ovis aries Linné). Melts between 38° and 42°. Vaporizes at higher temperatures. Limit of water 0.5 per cent, ash 0.1 per cent. Tests for soluble oxidizable impurities and for petrolatum. Iodine value not less than 18 nor more than 28.

Preparation: U. S. P.—Adeps Lanæ Hydrosus (which see).

ADEPS LANAE HYDROSUS, U. S. P. IX. Adeps. Lan. Hyd.

Hydrous Wool-Fat, Lanolin. Official in European pharmacopœias as Lanolinum (E). Contains from 25 to 30 per cent of water. Method for determining water content.

Preparations: U. S. P.—Ceratrum Plumbi Subacetatis, Unguentum Belladonnæ.

N. F.—Cerata, Inuncta, Petroxolina, Unguenta.

ADONIS, N. F. IV. Part II. Adonis.

Adonis, Pheasant's Eye. The dried, overground plant of *Adonis vernalis* Linné, without the presence or admixture of more than 5 per cent of foreign matter. Yields not more than 12 per cent of ash.

Average dose: 0.125 gm. or 2 grains.

Preparation: N. F.—Fluidextractum Adonidis.

ÆTHER, U. S. P. IX. Æth.

Ether, Stronger Ether. Volatile liquid contains from 95.5 to 97.5 per cent of ethyl oxide, $(C_2H_5)_2O$. Ether for anesthesia is to be dispensed only in small well-closed containers. Specific gravity from 0.713 to 0.716. Boiling point about 35°. Modified tests for aldehyde and tests for peroxide.

Average dose: 1 mil or 15 minims.

Preparations: U. S. P.—Spiritus Aetheris. (Used as a solvent.) N. F.—Spiritus Aetheris Compositus.

ÆTHER ACETICUS, N. F. IV, Part II, from U. S. P. VIII. Æth. Acet.

Acetic Ether, Ethyl Acetate. A liquid containing not less than 96 per cent by volume of $C_4H_8O_2$. Tests for identity and purity.

Average dose: 1 mil or 15 minims.

Preparations: N. F.—Used as a flavor in Elixir Formatum Compositum. Elixir Gentianæ Glycerinatum. Liquor Ferri Peptonati, Liquor Ferri Peptonati et Mangani.

ÆTHYLIS CARBAMAS, U. S. P. IX. Æthyl. Carbam.

Ethyl Carbamate, also sold as Urethane. The ethyl ester of carbamic acid. Its aqueous solution is neutral to litmus. Melts between 48° and 50°. Ash does not exceed 0.05 per cent. Tests for chloride and nitrate.

Average dose: 1 gm. or 15 grains.

ÆTHYLIS CHLORIDUM, U. S. P. IX. Æthyl. Chlor.

Ethyl Chloride. Official in European pharmacopœias as Æther Chloratus (E). Monochlorethane, C_2H_5Cl. Boils between 12° and 13°. Specific gravity about 0.921 at 0°.

ÆTHYLMORPHINÆ HYDROCHLORIDUM, U. S. P. IX. New.
Aethylmorph. Hydrochl.

Ethylmorphine Hydrochloride, Ethylmorphine Chloride; also sold as Mono ethylmorphine Hydrochloride and under the trade-name Dionin. The hydrochloride of an alkaloid prepared from morphine by ethylation. Melts at about 123°, with decomposition. Ash nonweighable. Tests for ammonium compounds and for morphine.

Average dose: 0.015 gm. or $\frac{1}{4}$ grain.

AGAR, U. S. P. IX. New.

Agar, Agar-agar. The dried mucilaginous substance extracted from *Gracilaria* (*Sphærococcus*) *lichenoides* Greville and other marine algæ growing along the eastern coast of Asia. Ash not exceeding 5 per cent.

Average dose: 10 gm. or 2½ drachms.

AGARICUS, N. F. IV. Part II. Agaric.

Agaric, White Agaric, Larch Agaric. The dried fruit body of the fungus *Polyporus officinalis* Fries collected from one or more species of *Pinus* Linné, *Larix Adamson*, and *Picea* Link without more than 10 per cent of foreign matter. Yields to boiling alcohol not less than 50 per cent of a resinous extract and not more than 2 per cent of a white ash, rich in phosphates.

Average dose: 0.6 gm. or 10 grains.

Preparations: N. F.—Pilulæ Antiperiodicæ, Pilulæ Antiperiodicæ sine Aloe, Tinctura Antiperiodica, Tinctura Antiperiodica sine Aloe, Tinctura Zedoariæ.

ALCOHOL, U. S. P. IX. Alcohol.

Alcohol. Official in European pharmacopœias as Spiritus (E). Contains 92.3 per cent by weight and 94.9 per cent by volume of C_2H_5OH. Residue on evaporation does not exceed 0.005 per cent. Specific gravity not above 0.816 at 15.6°. Tests for methyl alcohol and for acetone.

Preparation: U. S. P.—Alcohol Dilutum. (Used as a solvent.)

ALCOHOL ABSOLUTUM, U. S. P. VIII. See Alcohol Dehydratum. U. S. P. IX.

ALCOHOL DEHYDRATUM, U. S. P. IX. Alcohol Dehyd.

Dehydrated Alcohol, Alcohol Absolutum, U. S. P. VIII. Official in European pharmacopœias as Alcohol Absolutus (E). Contains not less than 99 per cent by weight of C_2H_5OH. Corresponds to the properties and responds to the tests and reactions given under alcohol.

ALCOHOL DILUTUM, U. S. P. IX. Alcohol Dil.

Diluted Alcohol. Official in European pharmacopœias as Spiritus Dilutus (E). The U. S. P. preparation contains from 41 to 42 per cent by weight of C_2H_5OH. Made by mixing equal volumes of alcohol and distilled water. Responds to the reactions and tests under alcohol.

Preparations: Used as a solvent.

ALETRIS, N. F. IV. Part II. Aletr.

Aletris, Unicorn Root, Colic Root, Star Grass. The dried rhizome and roots of *Aletris farinosa* Linné. Yields not more than 16 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparation: N. F.—Fluidextractum Aletridis.

ALLIUM, N. F. IV. Part II. Allium.

Allium, Garlic. The bulb of *Allium Sativum* Linné.

Average dose: 2 gm. or 30 grains.

Preparation: N. F.—Syrupus Allii.

Aloe, U. S. P. IX. Aloe.

Aloes, Socotrine Aloes, Curaçao Aloes, Cape Aloes. Each variety described separately. Ash not exceeding 4 per cent.

Average dose: 0.25 gm. or 4 grains.

Preparations: U. S. P.—Extractum Colocynthidis Compositum, Pilulæ Aloes, Pilulæ Rhei Compositæ, Tinctura Aloes, Tinctura Benzoini Composita.

N. F.—Extractum Aloes (which see). Pilulæ ad Prandium, Pilulæ Aloes et Asafœtidæ, Pilulæ Aloes et Ferri, Pilulæ Aloes et Mastiches, Pilulæ Aloes et Myrrhæ, Pilulæ Aloes et Podophylli Compositæ, Pilulæ Aloes Hydrargyri et Podophylli, Pilulæ Aloes Hydrargyri et Scammonii Compositæ, Pilulæ Colocynthidis Compositæ, Pilulæ Colocynthidis et Hyoscyami, Pilulæ Ferri, Quininæ, Aloes, et Nucis Vomicæ, Pilulæ Laxativæ Post Partum, Pulvis Aloes et Canellæ, Tinctura Aloes et Myrrhæ, Tinctura Zedoariæ Amara.

Aloe Purificata, U. S. P. VIII. Deleted.

Aloinum, U. S. P. IX. Aloin.

Aloin. A pentoside or mixture of pentosides obtained from aloes. Ash not exceeding 0.5 per cent. 98.5 per cent soluble in distilled water.

Average dose: 0.015 gm. or ¼ grain.

Preparations: N. F.—Pilulæ Aloini Compositæ, Pilulæ Aloini, Strychninæ et Belladonnæ, Pilulæ Aloini, Strychninæ et Belladonnæ Compositæ, Pilulæ Laxativæ Compositæ.

Althæa; U. S. P. IX. Althæa.

Althæa, Marsh Mallow Root. Official in European pharmacopœias as Radix Althææ (E). The root of *Althæa officinalis*, Linné. Description elaborated. Ash not exceeding 8 per cent.

Preparations: U. S. P.—Massæ Hydrargyri.

N. F.—Pilulæ Nitroglycerini, Species Pectorales, Syrupus Althææ.

Althææ Folia, N. F. IV. Part II. Althæ. Fol.

Althæa leaves or Marsh Mallow Leaves. The dried leaves of *Althæa officinalis* Linné, without the presence or admixture of more than 5 per cent of stems or foreign matter. Yields not more than 16 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparation: N. F.—Species Emollientes.

Alumen, U. S. P. IX. Alum.

Alum, Ammonium Alum or Potassium Alum, Potash Alum. The potassium alum is official in European pharmacopœias as Sulfas Aluminico-Kalicus (S). Contains not less than 99.5 per cent of $AlNH_4(SO_4)_2 + 12H_2O$ or of $AlK(SO_4) + 12H_2O$. Method of assay.

Average dose: 0.5 gm. or 8 grains.

Preparations: U. S. P.—Alumen Exsiccatum.

N. F.—Liquor Alumini Acetico-Tartratis.

ALUMEN EXSICCATUM, U. S. P. IX. Alum. Exsic.

Exsiccated Alum, Alumen Ustum, Dried Alum, Burnt Alum. The potassium salt is official in European pharmacopœias as Alumen Ustum (E), Sulfas Aluminico-Kalicus Ustus (S). Contains when dried not less than 98 per cent of anhydrous $AlNH_4(SO_4)_2$ or of anhydrous $AlK(SO_4)_2$. Should not be dispensed if it contains more than 10 per cent of moisture. Assay method for moisture.

ALUMINI CHLORIDUM, N. F. IV. Part II. Alum. Chlor.

Aluminum Chloride. Contains $AlCl_3 + 6H_2O$ corresponding to not less than 20.5 per cent of aluminum oxide (Al_2O_3). Tests for identity and purity. Method of assay.

Average dose: 0.3 gm. or 5 grains.

Preparation: N. F.—Liquor Hydrastinæ Compositus.

ALUMINI HYDROXIDUM, U. S. P. IX. Alum. Hydrox.

Aluminum Hydroxide. A compound consisting principally of $Al(OH)_3$. Made by precipitating a solution of alum with a solution of monohydrated sodium carbonate.

ALUMINI SULPHAS, N. F. IV. Part II. From U. S. P. VIII. Alum. Sulph.

Aluminum Sulphate. Official in Foreign Pharmacopœias as Aluminium Sulfuricum (E), Sulphus Aluminicus (S). Contains not less than 99.5 per cent of $Al_2(SO_4)_3 + 16H_2O$. Tests for identity and purity and a method of assay.

Preparations: N. F.—Liquor Zinci et Alumini Compositus. Used in making: Liquor Alumini Acetatis, Liquor Alumini Subacetatis.

AMMONII BENZOAS, U. S. P. IX. Ammon. Benz.

Ammonium Benzoate. Official in European pharmacopœias as Ammonium Benzoicum (S). Contains not less than 98 per cent of $NH_4C_7H_5O_2$. Method of assay.

Average dose: 1 gm. or 15 grains.

AMMONII BROMIDUM, U. S. P. IX. Ammon. Brom.

Ammonium Bromide. Official in European pharmacopœas as Ammonium Bromatum (E), Bromatum Ammonicum (S). Contains when dried not less than 98.5 per cent of NH_4Br. Method of assay.

Average dose: 1 gm. or 15 grains.

Preparations: N. F.—Elixir Ammonii Bromidi, Elixir Trium Bromidorum.

AMMONIUM CARBONAS, U. S. P. IX. Ammon. Carb.

Ammonium Carbonate. Official in European pharmacopœias as Ammonium Carbonicum (E), Supercarbonas Ammonicus (S). A varying mixture of ammonium carbonate and carbamate. Yields from 30 to 32 per cent of NH_3. Method of assay

Average dose: 0.3 gm. or 5 grains.

Preparations: U. S. P.—Spiritus Ammoniæ Aromaticus. Used in making Liquor Ammonii Acetatis (Which see).

N. F.—Liquor Ferri Salicylatis, Mistura Pectoralis, Stokes, Mistura Ammonii Chloridi.

AMMONII CHLORIDUM, U. S. P. IX. Ammon. Chlor.

Ammonium Chloride. Official in European pharmacopœias as Ammonium Chloratum (E), Chloratum Ammonicum (S). Contains when dried not less than 99.5 per cent of NH_4Cl. When ignited yields not more than 0.05 per cent of ash. Method of assay.

Average dose: 0.3 gm. or 5 grains.

Preparations: N. F.—Mistura Ammonii Chloridum, Trochisci Ammonii Chloridi.

AMMONII HYPOPHOSPHIS, N. F. IV. Part II. Ammon. Hypophos.

Ammonium Hypophosphite. Contains when dried not less than 97.5 per cent of $NH_4PH_2O_3$. Tests for identity and purity and a method of assay.

Average dose: 0.2 gm. or 3 grains.

Preparation: N. F.—Syrupus Ammonii Hypophosphitis.

AMMONII IODIDUM, U. S. P. IX. Ammon. Iod.

Ammonium Iodide. Official in European pharmacopœias as Ammonium Iodatum (E). Contains when dried not less than 99 per cent of NH_4I. Should not leave more than 0.1 per cent of residue. Method of assay.

Average dose: 0.3 gm. or 5 grains.

AMMONII PHOSPHAS, N. F. IV. Part II. Ammon. Phos.

Ammonium Phosphate. A mixture of diammonium hydrogen phosphate and ammonium dihydrogen phosphate, corresponding to not less than 20 per cent of combined ammonia (NH_3). Tests for identity and purity and a method of assay.

Average dose: 0.3 gm. or 5 grains.

Preparation: N. F.—Liquor Phosphatum Compositus.

AMMONII SALICYLAS, U. S. P. IX. Ammon. Salicyl.

Ammonium Salicylate. Official in European pharmacopœias as Ammonium Salicylicum (E). Contains when dried not less than 98 per cent of $NH_4C_7H_5O_3$. Method of assay.

Average dose: 0.5 gm. or 8 grains.

AMMONII VALERAS, U. S. P. IX. Ammon. Valer.

Ammonium Valerate, Ammonium Valerianate. A compound of ammonium and valeric acid having a somewhat varying composition. Leaves not more than 0.05 per cent of residue.

Average dose: 0.5 gm. or 8 grains.

Preparation: N. F.—Elixir Ammonii Valeratis.

AMYGDALA AMARA, U. S. P. VIII. Deleted.

AMYGDALA DULCIS, U. S. P. IX. Amygd. Dulc.

Sweet Almond. Official in European pharmacopœias as Semen Amygdala Dulce (E). The ripe seeds of *Prunus Amygdalus dulcis* de Candolle. Ash not exceeding 4 per cent.

Preparation: U. S. P.—Emulsum Amygdalæ.

AMYLIS NITRIS, U. S. P. IX. Amyl. Nitris.

Amyl Nitrite. Official in European pharmacopœias as Amylium Nitrosum (E), Nitris Amylicus (S). Contains not less than 80 per cent of $C_5H_{11}NO_2$ (chiefly iso-amyl nitrite. Method of assay.

Average dose: 0.2 mil or 3 minims by inhalation.

AMYLUM, U. S. P. IX. Amyl.

Starch, Corn Starch. The starch grains of *Zea mays*, Linné. Ash should not exceed 0.5 per cent.

Preparations: U. S. P.—Glyceritum Amyli; used in making extracts.

N. F.—Pasta Resorcinolis Fortis, Pasta Resorcinolis Mitis, Pasta Zinci, Stili Acidi Salicylici Dilubilis.

AMYLUM IODATUM, N. F. III. Deleted.

ANETHOL, N. F. IV. Part. II. Anethol.

Anethol. The methyl ether of para-propenyl phenol ($C_6H_4C_3H_5.OCH_3$). It is the main constituent in the oils of anise, star anise, and fennel. Specific gravity 0.984 to 0.986 at 25°. Boiling point 232° to 234°.

Average dose: 0.2 mil or 3 minims.

Preparations: N. F.—Elixir Anisi, Pulvis Rhei et Magnesiæ Anisatus, Spiritus Ammonii Anisatis, Spiritus Cardamomi Compositus.

ANGELICÆ FRUCTUS, N. F. IV. Part II. Angel. Fruct.

Angelica fruit, Angelica Seed. The ripe fruit of *Angelica Archangelica* Linné without the presence or admixture of more than 3 per cent of other matter. Yields not more than 8 per cent of a h.

Average dose: 1 gm. or 15 grains.

Preparations: N. F.—Pilulæ Antiperiodicæ, Pilulæ Antiperiodicæ sine Aloe, Tinctura Antiperiodica, Tinctura Antiperiodica sine Aloe.

ANGELICÆ RADIX, N. F. IV. Part II. Angel. Rad.

Angelica Root. The rhizome and roots of *Angelica archangelica* Linné without the presence or admixture of more than 5 per cent of stem bases and leaves. Yields not more than 8 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparation: N. F.—Fluidextractum Angelicæ Radicis.

ANISUM, U. S. P. IX. Anis.

Anise, Aniseed. Official in European pharmacopœias as Fructus Anisi (E). The dried ripe fruit of *Pimpinella Anisum* Linné without more than 3 per cent of foreign seed and other vegetable matter. Ash not exceeding 9 per cent.

Average dose: 0.5 gm. or 8 grains.

Preparation: U. S. P.—See Oleum Anisi.

N. F.—Species Laxativæ, Species Pectorales, Tinctura Rhei Dulcis.

ANTHEMIS, U. S. P. VIII. Deleted.

ANTIMONII ET POTASSII TARTRAS, U. S. P. IX. Antim. et Pot.Tart.

Antimony and Potassium Tartrate, Antimonyl Potassium Tartrate, Tartrated Antimony, Tartar Emetic. Official in European pharmacopœias as Tartarus Stibiatus (E), Tartras Stibico-Kalicus (S). Contains not less than 98.5 per cent of $2K(SbO)C_4H_4O_6 + H_2O$. Method of assay.

Average dose: Expectorant 0.005 gm. or $\frac{1}{12}$ grain.

Preparations: U. S. P.—Mistura Glycyrrhizæ Composita, Syrupus Scillæ Compositus.

N. F.—Pilulæ ad Prandium, Cole's, Vinum Antimonii.

ANTIMONII OXIDUM, N. F. IV. Part II Antim. Oxid.

Antimony Oxide. Contains not less than 97 per cent of antimonous oxide, Sb_2O_3. Tests for identity and purity and a method of assay.

Average dose: 0.06 gm. or 1 grain.

Preparation: N. F.—Pulvis Antimonialis.

ANTIMONII SULPHIDUM PURIFICATUM, N. F. III. Deleted.

ANTIMONIUM SULPHURATUM, N. F. Part II. Antim. Sulphurat.

Sulphurated Antimony, Antimonium Oxysulphuratum, Kermes Mineral. Chiefly Antimony Trisulphide (Sb_2S_3), with small quantities of antimony trioxide, sodium pyroantimonate and free sulphur. It contains not less than 45 per cent of Sb.

Preparation: N. F.—Pilulæ Antimonii Compositæ.

ANTIPYRINA, U. S. P. IX. Antipyr.

Antipyrine, Phenyldimethylpyrazolon, Phenazone $C_{11}H_{12}N_2O$. Included in several European Pharmacopœias as Pyrazolonum Phenyldimethylicum (E). Is to be preserved in well closed containers. Melts between 111 and 113°. Ash does not exceed 0.1 per cent.

Average dose: 0.3 gm. or 5 grains.

APII FRUCTUS, N. F. IV. Part II. Apii Fruct.

Celery Fruit, Celery Seed. The ripe fruit of *Apium graveolens* Linné without admixture of more than 10 per cent of other fruits and foreign matter. Yields not more than 8 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparation: N. F.—Fluidextractum Apii Fructus.

Apocynum, N. F. IV. Part II. From U. S. P. VIII. Apocyn.

Apocynum, Canadian Hemp. The dried rhizome and roots of *Apocynum cannabinum* Linné without admixture of more than 5 per cent of stems and foreign matter.

Average dose: 0.75 gm. or 12 grains.

Preparation: N. F.—Fluidextractum Apocyni.

Apomorphinæ Hydrochloridum, U. S. P. IX. Apmorph. Hydrochl.

Apomorphine Hydrochloride, Apomorphine Chloride. Official in European pharmacopœias as Apomorphinum Hydrochloridum (E), Chloretum Apomorphicum (S). The hydrochloride of an alkaloid prepared from morphine by the abstraction of one molecule of water. Must be rejected if it imparts at once an emerald green color when shaken with 100 parts of distilled water. Identity tests for decomposition products.

Average dose: Expectorant, 0.003 gm. or $\frac{1}{20}$ grain; emetic by mouth, 0.01 gm. or $\frac{1}{6}$ grain; emetic hypodermic, 0.005 gm. or $\frac{1}{12}$ grain.

Aquæ Aromaticæ, U. S. P. IX.

Aromatic Waters. A description and a general process for making saturated aqueous solutions of volatile oils.

Aqua, U. S. P. IX. Aqua.

Water. A colorless, limpid liquid, practically tasteless and odorless. Solids limited to 0.03 w/v per cent. Tests for organic impurities, chlorides, nitrites, nitrates, and ammonium compounds.

Preparations: U. S. P.—Aqua Destillata, Aqua Destillata Sterilisata. (Used as a solvent).

Aqua Ammoniæ, U. S. P. IX. Aq. Ammon.

Ammonia Water. Official in European pharmacopœias as Liquor Ammonii Caustici (E), Solutio Ammoniaci (S). Contains from 9.5 to 10.5 per cent of NH_3. This solution deteriorates on keeping and must be tested frequently. Specific gravity about 0.958 at 25°. Residue on evaporation not to exceed 0.02 per cent. Method of assay.

Average dose: 1 mil or 15 minims.

Preparations: U. S. P.—Linimentum ammoniæ, Spiritus Ammoniæ Aromaticus.

N. F.—Used in making: Elixir Ammonii Valeratis, Elixir Ferri Pyrophosphatis, Quininæ et Strychninæ, Fluidglyceratum Glycyrrhizæ, Linimentum Ammonii Iodidi, Linimentum Opii Compositum, Linimentum Saponato-Camphoratum, Liquor Ammonii Citratis, Liquor Carmini, Liquor Ferri Acetatis, Liquor Ferri Citratis, Liquor Ferri Nitratis, Liquor Ferri Oxychloridi, Lotio Ammoniacalis Camphorata, Magma Ferri Hydroxidi, Mistura Pectoralis, Stokes, Spiritus Ammonii Anisatus, Tinctura Ergotæ Ammoniata, Vinum Carnis et Ferri, Olea Infusa.

AQUA AMMONIÆ FORTIOR, U. S. P. IX. Aq. Ammon. Fort.

Stronger Ammonia Water. Official in European pharmacopœias as Solutio Ammoniaci Concentrata (S). Contains from 27 to 29 per cent of NH_3. Specific gravity about 0.897 at 25°. Method of assay.

Preparations: N. F.—Petroxolinum Iodi, Petroxolinum Liquidum (which see), Petroxolinum Spissum, Spiritus Ammoniæ, Tinctura Iodo Decolorata.

AQUA AMYGDALÆ AMARÆ, U. S. P. IX. Aq. Amygd. Amar.

Bitter Almond Water. Oil of bitter almond dissolved in recently boiled distilled water.

Average dose: 4 mils or 1 fluidrachm.

AQUA ANISI, U. S. P. IX. Aq. Anis.

Anise Water. Oil of Anise dissolved in recently boiled distilled water.

Average dose: 15 mils or 4 fluidrachms.

AQUA AURANTII FLORUM, U. S. P. IX. Aq. Aurant. Flor.

Orange Flower Water. Equal parts of stronger orange flower water and recently boiled distilled water.

Preparations: U. S. P.—Syrupus Aurantii Florum, Syrupus Calcii Lactophosphatis, Syrupus Lactucarii.

N. F.—Liquor Hypophosphitum Compositus, Liquor Phosphatum Compositus, Syrupus Ferri Hypophosphitis, Syrupus Ferri Protochloridi.

AQUA AURANTII FLORUM FORTIOR, U. S. P. IX.
Aq. Aurant. Flor. Fort.

Stronger Orange Flower Water. A saturated aqueous solution prepared by distilling the fresh flowers of *Citrus aurantium amara* Linné with water. Must be free from empyreuma, mustiness, or mucoid growths.

Preparations: U. S. P.—Aqua Aurantii Florum. Used in making trochisci.

N. F.—Elixir Amygdalæ Compositum, Elixir Aurantii Amari, Elixir Glycyrrhizæ Aquosum.

AQUA CAMPHORÆ, U. S. P. IX. Aq. Camph.

Camphor Water. A solution of camphor in recently boiled distilled water.

Average dose: 10 mils or 2½ fluidrachms.

Preparations: N. F.—Mistura Camphoræ Acida, Mistura Camphoræ Aromatica.

AQUA CHLOROFORMI, U. S. P. IX. Aq. Chlorof.

Chloroform Water. A saturated solution of chloroform in freshly boiled distilled water.

Average dose: 15 mils or 4 fluidrachms.

Preparations: N. F.—Used in making: Extractum Ergotæ Aquosum, Fluidglycerata.

Aqua Cinnamomi, U. S. P. IX. Aq. Cinnam.

Cinnamon Water. A saturated solution of oil of cinnamon in recently boiled distilled water.

Average dose: 15 mils or 4 fluidrachms.

Preparations: U. S. P.—Infusum Digitalis, Mistura Cretæ.

N. F.—Mistura Guaiaci, Syrupus Cinnamomi, Syrupus Ipecacuanhæ et Opii, Tinctura Ferri Pomata, Tinctura Rhei Aquosa.

Aqua Creosoti, U. S. P. IX. Aq. Creosot

Creosote Water. A solution of creosote in recently boiled distille water.

Average dose: 10 mils or 2½ fluidrachms.

Aqua Destillata, U. S. P. IX. Aq. Dest

Distilled Water. To be distilled from a suitable apparatus and comply with the tests given. Must be neutral to the official indicator and be free from chlorides calcium, ammonia, carbon dioxide, an organic or other oxidizable substances.

Aqua Destillata Sterilisata, U. S. P. IX. New.
Aq. Dest. Steril

Sterilized Distilled Water. Freshly distilled water sterilized Should be used within 48 hours after its preparation.

Aqua Fœniculi, U. S. P. IX. Aq. Fœnic

Fennel Water. A saturated solution of oil of fennel in recentl boiled distilled water.

Average dose: 15 mils or 4 fluidrachms.

Aqua Hamamelidis, U. S. P. IX. Aq. Hamam

Hamamelis Water, Witch Hazel Water, Distilled, Extract of Witc Hazel. A saturated aqueous liquid obtained by distilling with stea or water the entire shrub of *Hamamelis virginiana* Linné. It i neutral to litmus paper. Must be free from metallic impurities, dissolved impurities, formaldehyde, and methyl alcohol.

Aqua Hydrogenii Dioxidi, U. S. P. VIII. See Liquor Hydrogeni Dioxidi, U. S. P. IX.

Aqua Menthæ Piperitæ, U. S. P. IX. Aq. Menth. Pip

Peppermint Water. A saturated solution of oil of pepperment i recently boiled distilled water.

Average dose: 15 mils or 4 fluidrachms.

Aqua Menthæ Viridis, U. S. P. IX. Aq. Menth. Vir

Spearmint water. A saturated solution of oil of spearmint i recently boiled distilled water.

Average dose: 15 mils or 4 fluidrachms.

Preparation: N. F.—Liquor Sodæ et Menthæ.

Aqua Phenolata, N. F. IV. New. Aq. Phenol.

Phenolated Water, Carbolic Acid Water. Included in the International Protocol as Phenoli Solutio or Aqua Phenolata P. I. A simple solution of phenol (2 per cent) in distilled water.

Aqua Rosæ, U. S. P. IX. Aq. Ros.

Rose Water. A mixture of equal parts of stronger rose water and recently boiled distilled water. Should comply with the tests for identity and purity described under Aqua Rosæ Fortior.

Preparations: N. F.—Linimentum Terebinthinæ Aceticum. Mistura Ferri Composita.

Aqua Rosæ Fortior, U. S. P. IX. Aq. Ros. Fort.

Stronger Rose Water. A saturated aqueous distillate prepared by distilling the fresh flowers of *Rosa Centifolia* Linné. Required to be free from empyreuma, mustiness, or mucoid growths. Should be neutral or only slightly acid to litmus paper. Should give no reaction for metallic impurities.

Preparations: U. S. P.—Aqua Rosæ, Unguentum Aquæ Rosæ.
N. F.—Confectio Rosæ.

Aqua Sedativa, N. F. III. See Lotio Ammoniacalis Camphorata, N. F. IV.

Aralia, N. F. IV. Part II. Aralia.

Aralia, American Spikenard, Spignet. The dried rhizome and roots of *Aralia racemosa* Linné, without admixture of more than 5 per cent of adhering stem bases. Yields not more than 10 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparations: N. F.—Fluidextractum Araliæ, Syrupus Pini Strobi Composita cum Morphina, Syrupus Pini Strobi Composita sine Morphina.

Argenti Cyanidum, U. S. P. VIII. Deleted.

Argenti Nitras, U. S. P. IX. Arg. Nit.

Silver Nitrate. Official in European pharmacopœias as Nitras Argenticus (S), Argentum Nitricum (E). Contains when dry not less than 99.8 per cent of $AgNO_3$. Method of assay.

Average dose: 0.01 gm. or $\frac{1}{6}$ grain.

Preparation: U. S. P.—Argenti Nitras Fusus.

Argenti Nitras Fusus, U. S. P. IX. Arg. Nit. Fus.

Moulded Silver Nitrate, Fused Silver Nitrate, Lunar Caustic. Official in European pharmacopœias as Argentum Nitricum Fusum (E). Contains not less than 94.5 per cent of $AgNO_3$ with a small proportion of chloride. Modified method of assay.

Argenti Nitras Mitigatus, U. S. P. VIII. Deleted.

ARGENTI OXIDUM, U. S. P. IX. Arg. Oxid.

Silver Oxide. Contains when dried not less than 99.6 per cent of AgO. Method of assay.

Average dose: 0.06 gm. or 1 grain.

ARNICA, U. S. P. IX. Arnic.

Arnica, Arnica Flowers. Official in European pharmacopœias as Flores Arnicæ (E). The dried flower-heads of *Arnica montana* Linné. Yields not more than 9 per cent of ash.

Preparations: U. S. P.—Tinctura Arnicæ.

N. F.—Fluidextractum Arnicæ Florum.

ARSENI IODIDUM, U. S. P. IX. Arsen. Iod.

Arsenous Iodide, Arsenic Iodide. Contains when dried not less than 99 per cent of AsI_3. Method of assay.

Average dose: 0.005 gm. or $\frac{1}{12}$ grain.

Preparation: U. S. P.—Liquor Arseni et Hydrargyri Iodidi.

ARSENI TRIOXIDUM, U. S. P. IX. Arsen. Triox.

Arsenic Trioxide, Arsenous Acid, Arsenous Oxide, White Arsenic. Official in European pharmacopœias as Acidum Arsenicosum (E). Contains, when dried, not less than 99.8 per cent of As_2O_3. May occur as amorphous, transparent, and colorless masses, like glass, or as a crystalline, opaque, and white solid, resembling porcelain. Method of assay.

Average dose: 0.002 gm. or $\frac{1}{30}$ grain.

Preparations: U. S. P.—Liquor Acidi Arsenosi, Liquor. Potassii Arsenitis.

N. F.—Liquor arsenicalis, Clemens, Liquor Auri et Arseni Bromidi; Pilulæ Ferri, Quininæ, Strychninæ et Arsenici Fortior; Pilulæ Ferri, Quininæ, Strychninæ et Arsenici Mitis.

ASAFŒTIDA, U. S. P. IX. Asafœt.

Asafetida, Gum Asafetida. Official in European pharmacopœias as Asa Fœtida (E). The gum-resin obtained from *Ferula asafœtida* Linné and *Ferula fœtida* Regel. Yields not less than 60 per cent (or if powdered, 50 per cent) of alcohol-soluble constituents. Ash not exceeding 15 per cent. Powdered asafetida yields not exceeding 30 per cent of ash. Method of assay.

Average dose: 0.25 gm. or 4 grains.

Preparations: U. S. P.—Emulsum Asafœtidæ, Pilulæ Asafœtidæ, Tinctura Asafœtidæ.

N. F.—Pilulæ Aloes et Asafœtidæ.

ASARUM, N. F. IV. Part II. Asarum.

Asarum, Canada Snake-Root, Wild Ginger. The dried rhizome of *Asarum Canadense* Linné, with only an occasional leaf or flower present. Yields not more than 12 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparation: N. F.—Syrupus Asari Compositus.

Asclepias, N. F. IV. Part II. Asclep.

Asclepias, Pleurisy Root. The dried roots of *Asclepias tuberosa* Linné, without the presence of more than 5 per cent of foreign matter. Yields not more than 9 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparation: N. F.—Fluidextractum Asclepiadis.

Aspidium, U. S. P. IX. Aspidium.

Aspidium, Male Fern. Official in European pharmacopœias as Rhizoma Filicis (E). The rhizome and stipes of *Dryopteris filix-mas* Linné, or *Dryopeteris marginalis* Linné. Only the portions retaining their green color are to be used. Ash not exceeding 3 per cent.

Average dose: 4 gm. or 60 grains.

Preparation: U. S. P.—Oleoresina Aspidii.

Aspidosperma, U. S. P. IX. New. Aspidosp.

Aspidosperma, Quebracho. The dried bark of *Aspidosperma quebracho blanco* Schlectendal without admixture of more than 2 per cent of wood and other foreign matter.

Average dose: 4 gm. or 60 grains.

Preparation: U. S. P.—Fluidextractum Aspidospermatis.

Atropina, U. S. P. IX. Atrop.

Atropine. An alkaloid obtained from belladonna and other plants of the *Solanaceæ*. Melts between 114° and 116°. Should be free from ash and foreign alkaloids. Test to distinguish from hyoscyamine.

Average dose: 0.0005 gm. or $\frac{1}{120}$ grain.

Preparation: N. F.—Oleatum Atropinæ.

Atropinæ Sulphas, U. S. P. IX. Atrop. Sulph.

Atropine Sulphate. Official in European pharmacopœias as Sulfas Atropicus (S), Atropinum Sulfuricum (E). The sulphate of the alkaloid atropine. Usually melts between 188° and 191°, but when anhydrous and free from hyoscyamine between 181° and 183°.

Average dose: 0.0005 gm. or $\frac{1}{120}$ grain.

Aurantii Amari Cortex, U. S. P. IX. Aurant. Amar. Cort.

Bitter Orange Peel. The dried rind of the fruit of *Citrus aurantium amara* Linné. Yields not more than 7 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparations: U. S. P.—Fluidextractum Aurantii Amari, Tinctura Aurantii Amari, Tinctura Cinchonæ Composita, Tinctura Gentianæ Composita.

N. F.—Infusum Gentianæ Compositum, Tinctura Amara, Vinum Aurantii Compositum.

Aurantii Dulcis Cortex, U. S. P. IX. Aurant. Dulc. Cort.

Sweet Orange Peel. The outer rind of the fresh ripe fruit of *Citrus aurantium sinensis* gallesio.

Preparation: U. S. P.—Tinctura Aurantii Dulcis.

AURI ET SODII CHLORIDUM, U. S. P. IX. Aur. et Sod. Chlor.

Gold and Sodium Chloride. Official in European pharmacopœias as Auro-natrium Chloratum (E). A mixture of equal parts of anhydrous gold chloride and anhydrous sodium chloride, representing when dried not less than 30 per cent of metallic gold. Tests for impurities and a method of assay.

Average dose: 0.005 gm. or $\frac{1}{12}$ grain.

BALSAMUM PERUVIANUM, U. S. P. IX. Bals. Peruv.

Balsam of Peru, Peru Balsam. A balsam obtained from *Toluifera pereiræ* Baillon. Specific gravity, 1.130 to 1.160 at 25°. Tests for fixed oils, turpentine, and rosin. Acid number, from 56 to 84. The saponification value of the cinnamein, from 235 to 238.

Preparation: N. F.—Mistura Oleo-Balsamica.

BALSAMUM TOLUTANUM, U. S. P. IX. Bals. Tolu.

Balsam of Tolu, Tolu Balsam. A balsam obtained from *Toluifera balsamum* Linné. Nearly insoluble in water and petroleum benzin. Tests for rosin and copaiba. Acid number, from 112 to 168. Saponification value, from 154 to 220.

Preparations: U. S. P.—Tinctura Benzoini Composita, Tinctura Tolutana (which see).

BALSAMUM TRAUMATICUM, N. F. III. Deleted.

BAPTISIA, N. F. IV. Part II. Baptis.

Baptisia, Wild Indigo. The dried roots of *Baptisia tinctoria* R. Brown, without admixture of more than 10 per cent of the crown and stem. Yields not more than 5 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparation: N. F.—Fluidextractum Baptisiæ.

BELLADONNÆ FOLIA, U. S. P. IX. Bellad. Fol.

Belladonna Leaves, Deadly Nightshade Leaves. Included in the International Protocol as Belladonnæ folium, Folium Belladonnæ (P. I.). The dried leaves and tops of *Atropa belladonna* Linné, without admixture of more than 10 per cent of stems, and yielding not less than 0.3 per cent of the total alkaloids from Belladonna leaves.

Average dose: 0.06 gm. or 1 grain.

Preparations: U. S. P.—Extractum Belladonnæ Foliorum (which see), Tinctura Belladonnæ Foliorum.

BELLADONNÆ RADIX, U. S. P. IX. Bellad. Rad.

Belladonna Root, Deadly Nightshade Root. The dried root of *Atropa Belladonna* Linné without admixture of more than 10 per cent of stem-bases, and yielding not less than 0.45 per cent of the total alkaloids from belladonna root. Method of assay.

Average dose: 0.045 gm. or $\frac{3}{4}$ grain.

Preparation: U. S. P.—Fluidextractum Belladonnæ Radicis (which see).

Benzaldehydum, U. S. P. IX. Benzaldehyd.

Benzaldehyde. An aldehyde produced synthetically or obtained from oil of bitter almond. Contains not less than 85 per cent of C_7H_6O. Specific gravity about 1.045 at 25°. Method of assay.

Average dose: 0.03 mil or ½ minim.

Benzinum, U. S. P. VIII. Deleted.

Benzinum Purificatum, U. S. P. IX. Benzin, Purif.

Purified Petroleum Benzin, Petroleum Ether. A purified distillate from American petroleum. Specific gravity 0.638 to 0.660 at 25° Distills completely between 40° and 80°.

Preparation: U. S. P.—Used in making Tinctura Opii Deodorati.

Benzoinum, U. S. P. IX. Benzoin.

Benzoin, Gum Benjamin. Official in European pharmacopœias as Benzoe (E). A balsamic resin obtained from *Styrax benzoin* Dryander and some other species of *Styrax*. The drug is known in commerce as Sumatra benzoin and Siam benzoin. Described separately. Sumatra benzoin does not yield more than 2.5 per cent of ash. Siam benzoin does not yield more than 2 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparations: U. S. P.—Adeps Benzoinatus, Tinctura Benzoini, Tinctura Benzoini Composita.

N. F.—Sevum Benzoinatum.

Benzosulphinidum, U. S. P. IX. Benzosulphinid.

Benzosulphinide, Saccharin, Glusidum. Official in European pharmacopœias as Saccharinum (E). The anhydride of orthosulphamide-benzoic acid. A saturated aqueous solution is acid to litmus. Benzosulphinide melts between 219° and 222°. On incineration leaves not more than 0.5 per cent of ash. Tests for carbonizable impurities, glucose, milk-sugar, benzoic or salicylic acid, and ammonium compounds.

Average dose: 0.2 gm., or 3 grains.

Preparations: U. S. P.—Fluidextractum Cascaræ Sagradæ Aromaticum.

N. F.—Oleum Ricini Aromaticum.

Berberis, N. F. IV. Part II. From U. S. P. VIII. Berber.

Berberis, Oregon Grape Root. The rhizome and roots of species of the section *Odostemon* Rafinesque of the genus *Berberis* Linné without admixture of more than 5 per cent of the overground parts of the plant or foreign matter. Yields not more than 5 per cent of ash.

Average dose: 2 gm., or 30 grains.

Preparation: N. F.—Fluidextractum Berberidis.

BETAEUCAINE HYDROCHLORIDUM, U. S. P. IX. New.
Betaeucain. Hydrochl.

Betaeucaine Hydrochloride, Eucaine Chloride, Eucaine. A synthetic derivative of piperidine, containing when dried not less than 99 per cent of 2, 6, 6-trimethyl-4-benzoxy-piperidine ($C_{15}H_{21}NO_2HCl$). Tests for readily carbonizable impurities, cocaine, and alpha-eucaine and a method of assay.

BETANAPHTHOL, U. S. P. IX. Betanaph.

Bethanaphthol, Naphthol. Official in European pharmacopœias as Naphtholum (E). A monohydroxyphenol ($C_{10}H_7OH$) of the naphthalene series. Melts between 120° and 122°. Leaves not more than 0.05 per cent of ash.

Average dose: 0.25 gm., or 4 grains.

Preparations: N. F.—Liquor Zinci et Alumini Compositus, Liquor Zinci et Ferri Compositus, Pasta Betanaphtholis, Petroxolinum Betanaphtholis.

BISMUTHI BETANAPHTHOLAS, U. S. P. IX. New. Bism. Betanaph.

Bismuth Betanaphthol. Also sold as Orphol. A compound of bismuth and betanaphthol of somewhat varying composition, yielding not less than 15 per cent of betanaphthol and, upon ignition, not less than 73 per cent nor more than 78 per cent of bismuth oxide. Tests for free betanaphthol and other impurities and methods of assay for betanaphthol and for bismuth oxide.

Average dose: 0.5 gm., or 8 grains.

BISMUTHI CITRAS, U. S. P. VIII. Deleted.

BISMUTHI ET AMMONII CITRAS, U. S. P. IX. Bism. et Ammon. Cit.

Bismuth and Ammonium Citrate, Bismuth Ammonio-Citrate. Bismuth citrate rendered soluble by the presence of ammonium citrate. Yields upon ignition from 46 to 52 per cent of bismuth oxide (Bi_2O_3). Tests for nitrate and other impurities and a method of assay.

Average dose: 0.125 gm., or 2 grains.

BISMUTHI OXIDUM HYDRATUM, N. F. III. Deleted.

BISMUTHI SUBCARBONAS, U. S. P. IX. Bism. Subcarb.

Bismuth Subcarbonate. A basic bismuth carbonate of varying composition. Yields not less than 90 per cent of bismuth oxide (Bi_2O_3). Tests for impurities and a method of assay.

Average dose: 0.5 gm. or 8 grains.

BISMUTHI SUBGALLAS, U. S. P. IX. Bism. Subgal.

Bismuth Subgallate, Dermatol. Official in European pharmacopœias as Subgallas Bismuthicus (S). Basic Bismuth gallate of varying composition. Contains from 52 to 57 per cent of bismuth oxide. Tests for free gallic acid and other impurities and a method of assay.

Average dose: 0.5 gm. or 8 grains.

BISMUTHI SUBNITRAS, U. S. P. IX. Bism. Subnit.

Bismuth Subnitrate. Official in European pharmacopœias as Bismutum Subnitricum (E). Subnitras Bismuthicus (S). A basic bismuth nitrate of varying composition. Contains not less than 79 per cent of bismuth oxide (Bi_2O_3). Tests for alkalies and other impurities and a method of assay.

Average dose: 0.5 gm. or 8 grains.

Preparation: U. S. P.—Used in making Magma Bismuthi.

N. F.—Glyceritum Bismuthi, Unguentum Resorcinolis Compositum.

BISMUTHI SUBSALICYLAS, U. S. P. Bism. Subsalicyl.

Bismuth Subsalicylate. Official in European pharmacopœias as Bismutum Subsalicylicum (E), Subsalicylas Bismuthicus (S). Yields when dried from 62 to 66 per cent of bismuth oxide. Tests for free salicylic acid and a method of assay.

Average dose: 0.5 gm. or 8 grains.

BOLDO, N. F. IV. Part II. Boldo.

Boldo, Boldo Leaves. The leaves of *Boldu Boldus* Molina, without admixture of more than 2 per cent of stems or foreign matter. Yields not more than 10 per cent of ash.

Average dose: 0.5 gm. or 8 grains.

Preparation: N. F.—Fluidextractum Boldi.

BOROGLYCERINUM, N. F. III. Deleted.

BRAYERA, N. F. IV. Part II From U. S. P. VIII. Brayer.

Brayera, Kousso, Cusso. The dried panicles of the pistillate flowers of *Hagenia Abyssinica* Gmelin, without admixture of more than 10 per cent of other parts of the tree or foreign matter. Yields not more than 9 per cent of ash.

Average dose: 15 gm. or 240 grains.

Preparation: N. F.—Infusum Brayeræ.

BROMOFORMUM, U. S. P. IX. Bromof.

Bromoform. Official in European pharmacopœias as Bromoformum (E). Contains about 96 per cent of $CHBr_3$ and about 4 per cent of dehydrated alcohol. Tests for free bromine and for acetone.

Average dose: 0.2 mil or 3 minims.

BROMUM, N. F. IV. Part II From U. S. P. VIII. Br.

Bromine. Contains not less than 98 per cent of Br and not more than 2 per cent of Cl. Tests for identity and purity. Method of assay.

Preparation: N. F.—Liquor Bromi.

BRYONIA, N. F. IV. Part II. Bryon.

Bryonia, Bryony. The dried root of *Bryonia alba* Linné or of *Bryonia dioica* Jacquin. Yields not more than 8 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparation: N. F.—Tinctura Bryoniæ.

BUCHU, U. S. P. IX. Buchu.

Buchu. The dried leaves of *Barosma betulina* Bartling and Wendland, known in commerce as Short Buchu; or of *Barosma serratifolia* Wildenow, known in commerce as Long Buchu; without admixture of more than 10 per cent of stems and other foreign matter. The two drugs are described separately. The ash does not exceed 4 per cent.

Average dose: 2 gm. or 30 grains.

Preparation: U. S. P.—Fluidextractum Buchu (which see).

N. F.—Fluidextractum Buchu Compositum (which see).

CACAO PRÆPARATA, N. F. IV. Part II. Cacao Prep.

Cocoa, Prepared Cacao, Soluble Cocoa. A powder prepared from the roasted, cured kernels of the ripe seeds of *Theobroma Cacao* Linné and other species of Theobroma deprived of a portion of their fat. Yields from 3.5 to 8 per cent of ash, which has a distinctive reddish color. Tests for identity and purity.

Preparations: N. F.—Trochisci Quininæ Tannatis, Trochisci Santonini, Trochisci Santonini Compositi.

CACTUS GRANDIFLORUS, N. F. IV. Part II. Cact. Grand.

Cactus grandiflorus, Night Blooming Cereus. The fresh succulent stems of the wild growing *Cactus Grandiflorus* Linné.

Preparation: N. F.—Tinctura Cacti Grandiflori.

CAFFEINA, U. S. P. IX. Caffein.

Caffeine, Theine. Also official in European pharmacopæias as Coffeinum (S). A feebly basic substance obtained from the leaves of *Thea sinensis* Linné or from the seeds of *Coffea arabica* Linné; also occurring in some other plants. Melts between 235° and 237°. At 80° it loses not more than 9 per cent of its weight on drying. Yields not more than 0.05 per cent of ash.

Average dose: 0.15 gm. or 2½ grains.

Preparations: U. S. P.—Caffeina Citrata, Caffeinæ Sodio Benzoas.

N. F.—Caffeinæ Sodii-Salicylas, Pulvis Acetanilidi Compositus, Sal Potassii Bromidi Effervescens Compositus.

CAFFEINA CITRATA, U. S. P. IX. Caff. Cit.

Citrated Caffeine. Official in European pharmacopœias as Coffeinum Citricum (W). An unstable compound of caffeine and citric acid, containing, when dried, not less than 48 per cent of anhydrous caffeine. At 80° it loses not more than 5 per cent of its weight and on incineration yields not more than 0.1 per cent of ash.

Average dose: 0.3 gm. or 5 grains.

Preparation: U. S. P.—Caffeina Citrata Effervescens.

CAFFEINA CITRATA EFFERVESCENS, U. S. P. Caff. Cit. Eff.

Effervescent Citrated Caffeine. Contains not less than 1.9 per cent of anhydrous caffeine. Formula for making and method of assay.

Average dose: 4 gm. or 1 drachm.

Caffeinæ Sodio-Benzoas, U. S. P. IX. From N. F. III.
Caff. Sod. Benz.

Caffeine Sodio-Benzoate. A mixture of caffeine and sodium benzoate. Contains, when dried, from 46 to 50 per cent of anhydrous caffeine, the remainder being sodium benzoate. Tests for readily carbonizable organic matter and a method of assay.

Average dose: By mouth, 0.3 gm. or 5 grains; hypodermic, 0.2 gm. or 3 grains.

Caffeinæ Sodio-Salicylas, N. F. IV. Caff. Sod. Salicyl.

Caffeine Sodio-Salicylate. An intimate mixture of equal parts of caffeine and sodium salicylate.

Average dose: 0.2 gm. or 3 grains.

Calamina Præparata, N. F. IV. Part II. Calamin, Præp.

Prepared Calamine, Lapis Calaminaris. Native zinc carbonate containing a varying amount of zinc silicate or calcined zinc carbonate containing a small amount of ferric oxide.

Preparation: N. F.—Unguentum Calaminæ.

Calamus, U. S. P. VIII. Deleted.

Calcii Bromidum, U. S. P. IX. Calc. Brom.

Calcium Bromide. Now contains not less than 84 per cent of $CaBr_3$. Tests for contaminations and a method of assay.

Average dose: 1 gm. or 15 grains.

Preparations: N. F.—Elixir Calcii Bromidi, Syrupus Bromidorum.

Calcii Carbonas Præcipitatus, U. S. P. IX. Calc. Carb. Præc.

Precipitated Calcium Carbonate, Precipitated Chalk. Official in European pharmacopœias as Calcium Carbonicum Præcipitatum (E), Carbonas Calcicus Præcipitatus (S). Contains, when dried, not less than 98 per cent of $CaCO_3$. Tests for soluble impurities and a method of assay.

Average dose: 1 gm. or 15 grains.

Preparation: U. S. P.—Used in making Syrupus Calcii Lactophosphatis.

N. F.—Used in making: Elixir Lactophosphatis, Liquor Phosphatum Acidus, Liquor Phosphatum Compositus, Syrupus Calcii Iodidi, Unguentum Sulphuris Compositum.

Calcii Chloridum, U. S. P. IX. Calc. Chlor.

Calcium Chloride. Now contains not less than 75 per cent of $CaCl_2$. Tests for contaminations and a method of assay.

Average dose: 0.5 gm. or 8 grains.

Preparation: N. F.—Liquor Hydrastinæ Compositus.

Calcii Glycerophosphas, U. S. P. IX. New. Calc. Glycerophos.

Calcium Glycerophosphate. Contains, when dried, not less than 98 per cent of $CaC_3H_7O_6P$. Tests for contaminations and a method of assay.

Average dose: 0.25 gm. or 4 grains.

Preparations: N. F.—Elixir Calcii et Sodii Glycerophosphatum Elixir Glycerphosphatum Compositum.

Calcii Hypophosphis, U. S. P. IX. Calc. Hypophos.

Calcium Hypophosphite. Official in European pharmacopœias as Calcium Hypophosphorosum (E), Hypophosphis Calcicus (S). Contains, when dried, not less than 98 per cent of $Ca(PH_2O_2)_2$. Tests for contaminations and a method of assay, based on the oxidation of hypophosphite to phosphate.

Average dose: 0.5 gm. or 8 grains.

Preparations: U. S. P.—Syrupus Hypophosphitum.

N. F.—Elixir Calcii Hypophosphitis, Elixir Cinchonæ Alkaloidarum et Hypophosphitum, Elixir Hypophosphitum, Elixir Hypophosphitum cum Ferro. Emulsum Olei Morrhuæ cum Hypophosphitibus, Liquor Hypophosphitum, Liquor Hypophosphitum Compositus, Syrupus Calcii et Sodii Hypophosphitum, Syrupus Calcii Hypophosphitis, Syrupus Hypophosphitum Compositus.

Calcii Lactas, U. S. P. IX. New. Calc. Lact.

Calcium Lactate. A hydrated form of calcium lactate. Contains, when dried, not less than 98 per cent of $Ca(C_3H_5O_3)_2$. Tests for contaminations and a method of assay.

Average dose: 0.5 gm. or 8 grains.

Calcii Lactophosphas, N. F. IV. Part II. Calc. Lactophos.

Calcium Lactophosphate. A variable mixture of calcium lactate, calcium acid lactate, and calcium acid phosphate. Tests for identity and purity.

Average dose: 0.5 gm. or 8 grains.

Preparation: N. F.—Emulsum Olei Morrhuæ cum Calcii Lactophosphatis.

Calcii Phosphas Præcipitatus, N. F. IV. Part II.
Calc. Phos. Præc.

Precipitated Calcium Phosphate. Official in European pharmacopœias as Calcium Phosphoricum (E). Contains, when dried, not less than 96 per cent of $Ca_3(PO_4)_2$. Tests for identity and purity and a method of assay.

Average dose: 1 gm. or 15 grains.

Preparations: N. F.—Emulsum Olei Morrhuæ cum Calcii Phosphate, Pulvis Antimonialis, Syrupus Calcii Hydrochlorphosphatis.

Calcii Sulphas Exsiccatus, U. S. P. VIII. Deleted.

Calcii Sulphidum Crudum, U. S. P. IX. Calc. Sulphid. Crud.

Crude Calcium Sulphide, Calx Sulphurate, U. S. P. VIII, Sulphurated Lime. Contains not less than 55 per cent of CaS. Tests for identity and a method of assay.

Average dose: 0.06 gm. or 1 grain.

Calendula, N. F. IV. Part II From U. S. P. VIII. Calend.
Calendula, Marigold. The dried ligulate florets of *Calendula officinalis* Linné, without admixture of more than 2 per cent of other parts of the plant or of foreign matter. Contains not more than 11 per cent of ash.

Preparations: N. F.—Fluidextractum Calendulæ, Tinctura Calendulæ.

Calumba, U. S. P. IX. Calumb.
Calumba, Columba, Columbo, Colombo. Official in European pharmacopœias as Radix Colombo (E). The dried root of *Jateorhiza palmata* Miers. Contains not less than 8 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparation: U. S. P.—Tinctura Calumbæ.

N. F.—Fluidextractum Calumbæ.

Calx, U. S. P. IX. Calx.
Calcium Oxide, Lime, Quicklime. Official in European pharmacopœias as Calcaria Usta (E), Oxydum Calcicum (S). Contains when dried not less than 95 per cent of CaO. Loses not more than 10 per cent of its weight on ignition. Tests for hydroxide, carbonate and volatile substances and a method of assay.

Preparations: U. S. P.—Liquor Calcis.

N. F.—Used in making: Fluidglyceratum Cascaræ Sagradæ Aromaticum, Liquor Calcis Sulphuratæ, Potassa cum Calce, Soda cum Calce.

Calx Chlorinata, U. S. P. IX. Calx. Chlorin.
Chlorinated Lime, Chloride of Lime, Chlorinated Calcium Oxide. Official in European pharmacopœias as Calcaria Chlorata (E), Calx Chlorata (S). Contains not less than 30 per cent of available chlorine. Method of assay.

Preparation: U. S P.—Used in making: Liquor Sodæ Chlorinatæ.

N. F.—Used in making: Liquor Potassæ Chlorinatæ.

Calx Sulphurata, U. S. P. VIII. See Calcii Sulphidum Crudum, U. S. P. IX.

Cambogia, U. S. P. IX. Cambog.
Gamboge, Pipe Gamboge. A gum-resin obtained from *Garcinia hanburii* Hooker. Tests for starch. Gamboge is 65 per cent soluble in alcohol and yields not more than 2 per cent of ash.

Average dose: 0.125 gm. or 2 grains.

Preparations: U. S. P.—Pilulæ Catharticæ Compositæ.

Camphora, U. S. P. IX. Camph.
Camphor. A ketone obtained from *Cinnamomum camphora* Ness et Ebermaier. It is dextrogyrate. Tests for moisture and chlorinated products. It sublimes without leaving more than 0.05 per cent of ash.

Average dose: By mouth, 0.2 gm. or 3 grains; hypodermic, 0.1 gm. or 1½ grains.

Preparations: U. S. P.—Aqua Camphoræ, Linimentum Belladonnæ, Linimentum Camphoræ, Linimentum Saponis (which see), Spiritus Camphoræ, Tinctura Opii Camphorata.

N. F.—Ceratrum Camphoræ, Ceratrum Plumbi Subacetatis, Chloral Camphoratum, Emplastrum Fuscum Camphoratum, Linimentum Ammonii Iodidi, Linimentum Opii Compositum, Linimentum Saponato-Camphoratum, Linimentum Sinapis Compositum, Menthol Camphoratum, Nebula Aromatica, Nebula Mentholis Compositus, Petroxolinum Phenolis Camphoratum, Pilulæ Antiperiodicæ, Pilulæ Antiperiodicæ sine Aloe, Pilulæ Opii et Camphoræ, Tinctura Antiperiodica, Tinctura Antiperiodica sine Aloe, Unguentum Camphoræ.

CAMPHORA MONOBROMATA, U. S. P. IX. Camph. Monobrom.

Monobromated Camphor. Ortho-monobrom-camphor, $C_{10}H_{15}OBr$. Melts between 74° and 76°. On incineration leaves not more than 0.05 per cent of ash.

Average dose: 0.125 gm. or 2 grains.

CAMPHOR-MENTHOL, N. F. III. See Menthol Camphoratum, N. F. IV.

CANELLA, N. F. IV. Part II. Canell.

Canella. The dried bark of *Canella winterana* Gærtner. Contains not more than 7 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparation: N. F.—Pulvis Aloes et Canellæ.

CANNABIS, U. S. P. IX. Cannab.

Cannabis, Guaza, Ganjah. The dried flowering tops of the pistillate plants of *Cannabis sativa* Linné or of the variety *indica* Lamarck, freed from the thicker stems and large foliage leaves and without admixture of more than 10 per cent of fruits. Yields not more than 15 per cent of ash. Made into a fluid extract and administered to dogs produces incoordination in a dose of not more than 0.03 mil per kilogram of body weight of the animal.

Preparations: U. S. P.—Extractum Cannabis (which see), Fluidextractum Cannabis, Tinctura Cannabis.

CANNABIS INDICA, U. S. P. VIII. See Cannabis, U. S. P. IX.

CANTHARIS, U. S. P. IX. Canthar.

Cantharides, Spanish Flies, Russian Flies. The dried beetle, *Cantharis vesicatoria* De Geer, yielding not less than 0.6 per cent of cantharidin. Method of assay. Cantharides with an ammonia odor must not be used.

Preparations: U. S. P.—Ceratum Cantharidis, Collodium Cantharidatum, Tinctura Cantharidis.

CAPSICUM, U. S. P. IX. Capsic.

Capsicum, Cayenne Pepper, African Chillies. Official in European pharmacopœias as Fructus Capsici (E). The dried ripe fruits of *Capsicum frutescens* Linné without admixture of more than 2 per cent of stems and other foreign matter. Yields not less than 15 per cent of nonvolatile extractive soluble in ether and not more than 7 per cent of ash. The ash insoluble in HCl does not exceed 1 per per cent of the weight of capsicum taken.

Average dose: 0.06 gm. or 1 grain.

Preparations: U. S. P.—Oleoresina Capsici, Tinctura Capsici.

N. F.—Pulvis Aromaticum Rubefaciens, Pulvis Myricæ Compositus, Tinctura Capsici et Myrrhæ.

CARAMEL, N. F. IV. Part II. Caram.

Caramel, Saccharatum Ustum, Burnt Sugar Coloring. A concentrated aqueous solution of the product obtained by heating sugar or glucose until the sweet taste is destroyed and a uniform dark brown mass results, a small amount of alkali or alkali carbonate being added before heating. Tests for identity and purity. Yields not more than 8 per cent of ash.

Preparations: N. F.—Tinctura Caramellis, Tinctura Pectoralis, Tinctura Persionis Composita. Used as a coloring.

CARBO ANIMALIS, U. S. P. VIII. Deleted.

CARBO ANIMALIS PURIFICATUS, U. S. P. VIII. Deleted.

CARBO LIGNI, U. S. P. IX. Carbo. Lig.

Wood Charcoal, Charcoal. Official in European pharmacopœias as Carbo Ligni Pulveratus (E). Prepared from soft wood and very finely powdered. Burns without a luminous flame and leaves not more than 7.5 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparation: N. F.—Trochisci Carbonis Ligni.

CARBONEI DISULPHIDUM, U. S. P. VIII. Deleted.

CARDAMOMI SEMEN, U. S. P. IX. Cardam. Sem.

Cardamom Seed, Cardamomum, U. S. P. VIII. Official in European pharmacopœias as Fructus Cardamomi (E). The dried seeds of *Elettaria cardamomum* White et Maton, recently removed from the capsules. Yields not more than 8 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparations: U. S. P.—Extractum Colocynthidis Compositum, Pulvis Aromaticus, Tinctura Cardamomi, Tinctura Cardamomi Composita, Tinctura Gentianæ Composita, Tinctura Rhei.

N. F.—Pulvis Cretæ Aromaticus, Tinctura Aromatica, Tinctura Rhei Dulcis.

CARDAMOMUM, U. S. P. VIII. See Cardamomi Semen, U. S. P. IX.

Carmimum, N. F. IV. Part II. Carmin.

Carmin. The aluminum lake of the coloring principle obtained from cochineal. Tests for identity and purity.

Preparations: N. F.—Liquor Carmini, Trochisci Phenolphthaleini.

Carum, U. S. P. IX. Carum.

Caraway, Caraway seed. Official in European pharmacopœias as Fructus Carvi (E). The dried fruits of *Carum Carvi* Linné. Yields not more than 8 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparations: U. S. P.—Tinctura Cardamomi Composita. See also Oleum Cari.

Caryophyllus, U. S. P. IX. Caryoph.

Clove, Cloves. Official in European pharmacopœias as Caryophylli (E). The dried flower buds of *Eugenia aromatica*, O. Kuntze, without admixture of more than 5 per cent of the peduncles, stems, and other foreign matter. Contains not more than 8 per cent of ash. Ash insoluble in HCl does not exceed 0.5 per cent of the weight of clove taken.

Average dose: 0.25 gm. or 4 grains.

Preparations: U. S. P.—Tinctura Lavendulæ Composita, Tinctura Rhei Aromatica.

N. F.—Cordiale Rubi Fructus, Elixir Rubi Compositum, Pulvis Aromaticus Rubefaciens, Pulvis Cretæ Aromaticus, Pulvis Myricæ Compositus, Syrupus Sennæ Aromaticus, Tinctura Aromatica, Tinctura Opii Crocata, Tinctura Viburni Opuli Composita. See also Oleum Caryophylli.

Cascara Sagrada, U. S. P. IX. Casc. Sagr.

Cascara Sagrada, Rhamnus Purshiana, U. S. P. VIII. Official in European pharmacopœias as Cortex Rhamni Purshianæ (E). The dried bark of the trunk and branches of *Rhamnus Purshiana* de Candolle.

Average dose: 1 gm. or 15 grains.

Preparations: U. S. P.—Extractum Cascaræ Sagradæ, Fluidextractum Cascaræ Sagradæ, Fluidextractum Cascaræ Sagradæ Aromaticum.

N. F.—Fluidglyceratum Cascaræ Sagradæ, Fluidglyceratum Cascaræ Sagradæ Aromaticum.

Cascarilla, N. F. IV. Part II. Cascarill.

Cascarilla, Sweetwood Bark, Sweet Bark. The dried bark of *Croton Eluteria* Bennett without admixture of more than 5 per cent of adhering wood. Yields not more than 10 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparation: N. F.—Vinum Aurantii Compositum.

Cassia Fistula, N. F. IV. Part II. From U. S. P. VIII. Cass. Fist.

Cassia fistula. The dried fruit of *Cathartocarpus fistula* Linné.

Average dose: 4 gm. or 60 grains.

Preparation: N. F.—Confectio Sennæ.

Castanea, N. F. IV. Part II. Castan.

Castanea, Chestnut Leaves. The dried leaves of *Castanea dentata*, Borkhausen, collected in September or October while still green and without admixture of more than 5 per cent of twigs and other foreign matter.

Average dose: 4 gm. or 1 drachm.

Preparation: N. F.—Fluidextractum Castaneæ

Cataplasma Kaolini, N. F. IV. From U. S. P. VIII. Catapl. Kaolin.

Cataplasm of Kaolin. Now a mixture of kaolin (56.5) and glycerin (38.7) with boric acid (4.5) and small quantities of thymol, methyl salicylate and oil of peppermint.

Cataria, N. F. IV. Part II. Catar.

Catnep. Catmint, Catnip, Nepeta. The dried leaves and flowering tops of *Nepeta cataria* Linné. Yields not more than 16 per cent of ash.

Average dose: 4 gm. or 1 drachm.

Preparation: N. F.—Fluidextractum Catariæ.

Caulophyllum, N. F. IV. Part II. Caulophyl.

Caulophyllum, Blue Cohosh, Papoose Root, Squaw Root. The dried rhizome and roots of *Caulophyllum thalictroides* Michaux. Yields not more than 6 per cent of ash.

Average dose: 0.5 gm. or 8 grains.

Preparation: N. F.—Fluidextractum Caulophylli.

Centaurium, N. F. IV. Part II. Centaur.

Centaury. The dried flowering plant of *Erythraea centaurium* Persoon. Yields not more than 5 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparation: N. F.—Tinctura Amara.

Cera Alba, U. S. P. IX. Cer. Alb.

White Wax. Yellow wax bleached. Melts between 62 and 65°. Acid value from 17 to 23. Ester value from 72 to 79.

Preparations: U. S. P.—Used in making: Ceratum, Ceratum Camphoræ, Unguentum, Unguentum Aquæ Rosæ.

N. F.—Petroxolinum Spissum, Unguentum Camphoræ.

Cera Flava, U. S. P. IX. Cer. Flav.

Yellow Wax, Beeswax. Obtained by melting and purifying the honey-comb of the bee *Apis mellifera* Linné. Melts between 62 and

65°. Acid value from 18 to 24. Ester value from 72 to 77. Should be free from fats or fatty acids, Japan wax, or rosin.

Preparations: U. S. P.—Ceratum Cantharidis, Ceratum Resinæ, Emplastrum Resinæ Unguentum Picis Liquidæ.

N. F.—Ceratum Resinæ Compositum, Emplastrum Fuscum Camphoratum, Mulla Creosoti Salicylata, Unguentum Picis Compositum, Unguentum Resorcinolis Compositum.

CERATUM, U. S. P. IX. Cerat.

Cerate, Simple Cerate. A mixture of white wax (30) and benzoinated lard (70).

CERATUM CAMPHORÆ, N. F. IV. From U. S. P. VIII. Cerat. Camph.

Camphor Cerate. A mixture of camphor liniment (10) white wax (35), white petrolatum (15) and benzoinated lard (40).

CERATUM CAMPHORÆ COMPOSITUM, N. F. III. Deleted.

CERATUM CANTHARIDIS, U. S. P. IX. Cerat. Canthar.

Cantharides Cerate, Blistering Cerate. Official in European pharmacopoeias as Ceratum Cantharidis (E). Cantharides (35) macerated with a mixture of glacial acetic acid (2.5), and oil of turpentine (15); then mixed with yellow wax (17.5) rosin (17.5) and benzoinated lard (to make 100).

CERATUM CETACEI, N. F. III. Deleted.

CERATUM EXTRACTI CANTHARIDIS, N. F. III. Deleted.

CERATUM PLUMBI SUBACETATIS, N. F. IV. From U. S. P. VIII. Cerat. Plumb. Subacet.

Cerate of Lead Subacetate, Goulard's Cerate. A mixture of lead subacetate (20), wool fat (20) white wax (20), camphor and white petrolatum (to make 100).

CERATUM RESINÆ, U. S. P. IX. Cerat. Res.

Rosin Cerate, Basilicon Ointment. A mixture of rosin (35), yellow wax (15) and lard (to make 100).

Preparation: U. S. P.—Linimentum Terebinthinæ.

CERATUM RESINÆ COMPOSITUM, N. F. IV. From U. S. P. VIII. Cerat. Resin. Co.

Compound Rosin Cerate also known as Deshler's Salve. A mixture of rosin (22.5), yellow wax (22.5), prepared suet (30) turpentine (11.5) and linseed oil (to make 100).

CERATUM SABINÆ, N. F. III. Deleted.

CEREVISIÆ FERMENTUM COMPRESSUM, N. F. IV. Part II. Cerev. Ferm. Compr.

Compressed Yeast. Soft and easily broken masses, having a characteristic, slightly sour odor and not more than a faintly acid reaction to litmus. Must not be used unless fresh and free from mildew and musty or foul odors.

Preparation: N. F.—Lac Fermentum.

CERII OXALAS, U. S. P. IX. Cerii Oxal.

Cerium Oxalate. A mixture of oxalates of cerium, didymium, Lanthanum, and other associated elements.

Average dose: 0.2 gm. or 3 grains.

CETACEUM, U. S. P. IX. Cetac.

Spermaceti. A concrete, fatty substance, obtained from the head of the sperm whale, *Physeter macrocephalus*, Linné.

Preparation: U. S. P.—Used in making Unguentum Aquæ Rosæ.

CHARTA CANTHARIDIS, N. F. III. Deleted.

CHARTA POTASSII NITRATIS, N. F. IV. Chart. Pot. Nit.

Potassium Nitrate Paper, White unsized paper, saturated with a solution of potassium nitrate and dried.

CHARTA SINAPIS, U. S. P. VIII. See Emplastrum Sinapis, U. S. P. IX.

CHIMAPHILA, N. F. IV. Part II. From U. S. P. VIII. Chimaph.

Chimaphila, Pipsissewa. The dried leaves of *Chimaphila umbellata* Barton without admixture of more than 5 per cent of stems or other foreign matter. Yields not more than 7 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparations: N. F.—Fluidextractum Chimaphilæ. Fluidextractum Stillingiæ Compositum.

CHIONANTHUS, N. F. IV. Part II. Chionant.

Chionanthus, Fringe Tree Bark. The dried bark of the root of *Chionanthus virginica* Linné without admixture of more than 8 per cent of other parts of the plant or foreign matter. Yields not more than 5 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparation: N. F.—Fluidextractum Chionanthi.

CHIRATA, N. F. IV. Part II. From U. S. P. VIII. Chirat.

Chirata. The dried plant of *Swertia chirayita* Hamilton. Yields not more than 6 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparation: N. F.—Fluidextractum Chiratæ.

CHLORAL CAMPHORATUM, N. F. IV. Chloral. Camph.

Camphorated Chloral, Chloral and Camphor. A mixture of hydrated chloral (50) and camphor (50).

CHLORALFORMAMIDUM, U. S. P. VIII. Deleted.

CHLORALUM HYDRATUM, U. S. P. IX. Chloral Hydrat.

Hydrated Chloral, Chloral, Chloral Hydrate. Official in European pharmacopœias as Chloralum Hydratum (E), Hydras Chloralicus (S). A compound of trichloraldehyde or chloral, with the elements of one molecule of water. Contains not less than 99.5 per cent of $C_2HCl_3O + H_2O$. Hydrated chloral is not hygroscopic and on incineration leaves not more than 0.05 per cent of ash. Tests for hydrochloric acid, chlorides, and organic impurities and a method of assay.

Average dose: 0.5 gm. or 8 grains.

Preparations: N. F.—Chloral Camphoratum, Mistura Chlorali et Potassii Bromidi Composita.

CHLOROFORMUM, U. S. P. IX. Chlorof.

Chloroform. Official in European pharmacopœias as Chloroformium (E). Contains from 99 to 99.4 per cent of $CHCl_3$ and from 0.6 to 1 per cent of alcohol. Specific gravity 1.474 to 1.478 at 25°. Tests for free chlorine and other impurities.

Average dose: 0.3 mil or 5 minims.

Preparations: U. S. P.—Aqua Chloroformi, Linimentum Chloroformi, Spiritus Chloroformi.

N. F.—Elixir Ammonii Valeratis, Elixir Phosphori, Linimentum Aconiti et Chloroformi, Liquor Gutta-Perchæ, Liquor Pancreaticus, Mistura Chloroformi et Morphinæ Composita, Mistura Olei Picis, Mistura Opii et Chloroformi Composita, Petroxolinum Chloroformi Camphoratum, Syrupus Pini Strobi Compositus cum Morphina, Syrupus Pini Strobi Compositus sine Morphina, Trochisci Quininæ Tannatis.

CHONDRUS, U. S. P. IX.

Chondrus, Irish Moss, Carageen. Official in European pharmacopœias as Carrageen (E). The dried plant of *Chrondus crispus* Stackhouse and *Gigartina Mamillosa* J. Agardh.

Preparations: N. F.—Gelatinum Chondri, Mucilage Chondri.

CHROMII TRIOXIDUM, U. S. P. IX. Chrom. Triox.

Chromium Trioxide, Chromic Acid, Chromic Anhydride. Official in European pharmacopœias as Acidum Chromicum (E). Contains not less than 95 per cent of CrO_3. Tests for impurities and a method of assay.

CHRYSAROBINUM, U. S. P. IX. Chrysarob.

Chrysarobin. A mixture of neutral principles extracted from Goa Powder, a substance found deposited in the woud of *Vouacapoua Araroba* Druce.

Average dose: 0.03 gm. or ½ grain.

Preparation: U. S. P.—Unguentum Chrysarobini.

CIMICIFUGA, U. S. P. IX. Cimicif.

Cimicifuga, Black Cohosh, Black Snakeroot, Macrotys. The dried rhizome and roots of *Cimicifuga racemosa* Nuttall, without admixture of more than 2 per cent of stems and foreign matter. Yields not more than 10 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparations: U. S. P.—Extractum Cimicifugæ, Fluidextractum Cimicifugæ.

N. F.—Tinctura Cimicifugæ.

CINCHONA, U. S. P. IX. Cinch.

Cinchona, Yellow Cinchona, Calisaya Bark, Yellow Peruvian Bark. Official in European pharmacopœias as Cortex Chinæ (E). The dried bark of *Cinchona Ledgeriana* Moens, *Cinchona Calisaya* Weddell, and of hybrids of these with other species of Cinchona. Yields not less than 5 per cent of the alkaloids of Cinchona. Qualitative tests and a method of assay.

Average dose: 1 gm. or 15 grains.

Preparations: U. S. P.—Fluidextractum Cinchonæ, Tinctura Cinchonæ.

N. F.—Extractum Cinchonæ, Infusum Cinchonæ.

CINCHONA RUBRA, U. S. P. IX. Cinch. Rub.

Red Cinchona, Red Peruvian Bark. The dried bark of *Cinchona succirubra* Pavon or of its hybrids. Yields not less than 5 per cent of the alkaloids of red cinchona. Method of assay.

Average dose: 1 gm. or 15 grains.

Preparations:

U. S. P.—Tinctura Cinchonæ Composita.

N. F.—Fluidextractum Cinchonæ Aquosum.

CINCHONIDINÆ SULPHAS, U. S. P. IX. Cinchonid. Sulph.

Cinchonidine Sulphate. The sulphate $(C_{19}H_{22}N_2O)_2.H_2SO_4+3H_2O$ of an alkaloid obtained from the bark of several species of cinchona. Tests for impurities.

Average dose: 0.15 gm. or 2½ grains.

Preparation: N. F.—Elixir Cinchonæ Alkaloidarum (which see).

CINCHONINÆ SULPHAS, U. S. P. IX. Cinchonin. Sulph.

Cinchonine Sulphate. The sulphate $(C_{19}H_{22}N_2O)_2.H_2SO_4+2H_2O)$ of an alkaloid obtained from the bark of several species of cinchona. When dried to constant weight at 100° loses not more than 0.5 per cent. On incineration not more than 0.1 per cent of ash remains. Tests for impurities.

Average dose: 0.15 gm. or 2½ grains.

Preparation: N. F.—Elixir Cinchonæ Alkaloidarum (which see).

CINNALDEHYDUM, U. S. P. VIII. Deleted.

CINNAMOMUM SAIGONICUM, U. S. P. IX. Cinnam. Saigon.

Saigon Cinnamon. Official in European pharmacopœias as Cortex Cinnamomi (E). The dried bark of an undetermined species of Cinnamomum. Yields not more than 6 per cent of ash. The amount of ash insoluble in diluted hydrochloric acid does not exceed 2 per cent of the weight of the drug. Saigon cinnamon yields not less than 2 per cent of volatile extractive, soluble in ether.

Average dose: 0.25 gm. or 4 grains.

Preparations: U. S. P.—Pulvis Aromaticus, Tinctura Cardamomi Composita, Tinctura Cinnamomi, Tinctura Gambir Composita, Tinctura Lavendulæ Composita, Tinctura Rhei Aromatica.

N. F.—Cordiale Rubi Fructus, Elixir Rubi Compositum, Pulvis Aromaticum Rubefaciens, Pulvis Cretæ Aromaticus, Pulvis Gambir Compositus, Pulvis Kino et Opii Compositus, Syrupus Cinnamomi, Syrupus Sennæ Aromaticus, Tinctura Antiperiodica, Tinctura Antiperiodica sine Aloe, Tinctura Aromatica, Tinctura Opii Crocata, Tinctura Viburni Opuli Composita, Vinum Aurantii Compositum. (See also under Oleum Cassiæ.)

CINNAMOMUM ZEYLANICUM, U. S. P. IX. Cinnam. Zeylan.

Ceylon Cinnamon. Official in European pharmacopœias as Cortex Cinnamomi Ceylanici (E). The dried bark of cultivated trees of *Cinnamomum zeylanicum* Breyne. Yields not less than 0.5 per cent of volatile extractive, soluble in ether and not more than 6 per cent of ash. The amount of ash insoluble in diluted hydrochloric acid does not exceed 2 per cent of weight of the drug.

Average dose: 0.25 gm. or 4 grains.

COCA, U. S. P. VIII. Deleted.

COCAINE, U. S. P. IX. Cocain.

Cocaine. An alkaloid ($C_{17}H_{21}NO_4$) obtained from *Erythroxylon coca* Lamarck and its varieties. Melts between 96 and 98°.

Average dose: 0.015 gm. or ¼ grain.

Preparation: N. F.—Oleatum Cocainæ.

COCAINÆ HYDROCHLORIDUM, U. S. P. IX. Cocain. Hydrochl.

Cocaine Hydrochloride, Cocaine Chloride. Included in the International Protocol as Cocainum Hydrochloricum (P. I.). Official in European pharmacopœias as Chloretum Cocainum (S). The hydrochloride ($C_{17}H_{21}NO_4.HCl$) of the alkaloid cocaine. Melts between 183 and 191°. On incineration no weighable ash remains. Tests for impurities.

Average dose: 0.15 gm. or ¼ grain.

COCCULUS INDICUS, N. F. IV. Part II. Coccul. Ind.

Cocculus Indicus, Fish Berry, Indian Berry. The dried fruit of *Anamirta Cocculus* Wight et Arnott. Yields not more than 5 per cent of ash.

Preparation: N. F.—Tinctura Cocculi Indici.

COCCUS, U. S. P. IX.

Cochineal. Official in European pharmacopœias as Coccionella (S). The dried female of the insect *Coccus Cacti* enclosing the young larvæ. Yields not more than 6 per cent of ash.

Preparations: U. S. P.—Tinctura Cardamomi Composita.

N. F.—Liquor Coccini, Syrupus Asari Compositus, Tinctura Kino et Opii Composita.

COCILLANA, N. F. IV. Part II. Cocillan.

Cocillana. The dried bark of *Guarea Rusbyi* Rusby. Yields not more than 10 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparation: N. F.—Fluidextractum Cocillanæ.

CODEINA, U. S. P. IX. Codein.

Codeine, Methyl Morphine. Official in European pharmacopœias as Codeinum (E). An alkaloid ($C_{18}H_{21}NO_3+H_2O$) obtained from opium or prepared from morphine by methylation. When rendered anhydrous melts between 154° and 156°. Tests for impurities.

Average dose: 0.03 gm. or ½ grain.

Preparation: N. F.—Elixir Terpini Hydratis et Codeinæ.

CODEINÆ PHOSPHAS, U. S. P. IX. Codein. Phos.

Codeine Phosphate. Official in European pharmacopœias as Codeinum Phosphoricum (E), Phosphas Codeicus (S). The phosphate ($C_{18}H_{21}NO_3.H_3PO_4+2H_2O$) of the alkaloid codeine. Yields not less than 67 per cent of anhydrous codeine. Tests for impurities and a method of assay.

Average dose: 0.03 gm. or ½ grain.

CODEINÆ SULPHAS, U. S. P. IX. Codein. Sulph.

Codeine Sulphate. The sulphate ($(C_{18}H_{21}NO_3)_2H_2SO_4+{}_5H_2O$) of the alkaloid codeine. When dried at 100° loses not more than 12 per cent of moisture.

Average dose: 0.03 gm. or ½ grain.

Preparation: N. F.—Syrupus Codeinæ.

COFFEA TOSTA, N. F. IV. Part II. Coff. Tost.

Coffee, Roasted Coffee. The dried ripe seeds of *Coffea Arabica* Linné or *Coffea Liberica* Bulliard roasted until they develop a dark brown color and a characteristic aroma; yields not less than 1 per cent of caffeine and not less than 3 nor more than 5 per cent of ash. Method of assay.

Preparation: N. F.—Fluidextractum Coffeæ.

COLCHICI CORMUS, U. S. P. IX. Colch, Corm.

Colchicum Corm, Colchicum Root. The dried corm of *Colchicum autumnale* Linné. Yields not less than 0.35 per cent of colchicine. Method of assay.

Average dose: 0.25 gm. or 4 grains.

Preparation: U. S. P.—Extractum Colchici Cormi.

N. F.—Fluidextractum Colchici Cormi, Vinum Colchici Cormi.

COLCHICI SEMEN, U. S. P. IX. Colch. Sem.

Colchicum Seed. Included in the International Protocol as Semen Colchici (P. I.). The dried seeds of *Colchicum autumnale* Linné. Yields not less than 0.45 per cent of colchicine and not more than 8 per cent of ash. Method of assay.

Average dose: 0.2 gm. or 3 grains.

Preparations: U. S. P.—Fluidextractum Colchici Seminis (which see), Tinctura Colchici Seminis.

COLCHICINA, U. S. P. IX. Colchicin.

Colchicine. An alkaloid ($C_{22}H_{25}NO_6$) obtained from colchicum. Melts between 142° and 146°. Tests for identity and purity including a test for chloroform of crystallization.

Average dose: 0.0005 gm. or $\frac{1}{120}$ grain.

COLLODIUM, U. S. P. IX. Collod.

Collodion. A solution of pyroxylin (4), in a mixture of ether (75) and alcohol (25).

Preparation: U. S. P.—Collodium Flexile (which see).

N. F.—Collodium Stypticum.

COLLODIUM CANTHARIDATUM, U. S. P. IX. Collod. Canthar.

Cantharidal Collodion, Blistering Collodion, Vesicating Collodium. Official in European pharmacopœias as Collodium Vesicans (E). Cantharides extracted with a mixture of glacial acetic acid (5) and acetone, and the resulting extract mixed with flexible collodion (85) (to make 100).

COLLODIUM FLEXILE, U. S. P. IX. Collod. Flex.

Flexible Collodion. Official in European pharmacopœias as Collodium Elasticum (E). A mixture of collodion (95), camphor (2), and castor oil (3).

Preparation: U. S. P.—Collodium Cantharidatum.

N. F.—Collodium Iodi. Collodium Iodoformi, Collodium Tiglii, Collodium Salicyli Compositum.

COLLODIUM IODATUM, N. F. III. See Collodium Iodi, N. F.

COLLODIUM IODI, N. F. IV. Collod. Iodi.

Iodine Collodion. A solution of iodine (5), in flexible collodion (to make 100).

COLLODIUM IODOFORMATUM, N. F. III. See Collodium Iodoformi, N. F. IV.

COLLODIUM IODOFORMI, N. F. IV. Collod. Iodof.

Iodoform Collodion. A solution of Iodoform (5) in flexible collodion (to make 100).

COLLODIUM SALICYLATUM COMPOSITUM, N. F. III. See Collodium Salicylici Compositum, N. F. IV.

COLLODIUM SALICYLI COMPOSITUM, N. F. IV. Collod. Salicyl. Co.
Compound Salicylic Acid Collodion. Now a solution of salicylic acid (11) with fluidextract of cannabis (now 10) in flexible collodion (to make 100).

COLLODIUM STYPTICUM, N. F. IV. From U. S. P. VIII. Collod. Stypt.
Styptic Collodion. Now a solution of tannic acid (20) in flexible collodion (to make 100).

COLLODIUM TIGLII, N. F. IV. Collod. Tiglii.
Croton Oil Collodion. A solution of croton oil (10) in flexible collodion (to make 100).

COLOCYNTHIS, U. S. P. IX. Colocyn.
Colocynth, Bitter Apple, Colocynth Apple. Official in European pharmacopœias as Fructus Colocynthidis (E). The dried pulp of the fruit of *Citrullus Colocynthis* Schrader without admixture of more than 5 per cent of seeds nor more than 2 per cent of epicarp. Yields not more than 15 per cent of ash.

Average dose: 0.06 gm. or 1 grain.

Preparation: U. S. P.—Extractum Colocynthidis (which see).

CONDURANGO, N. F. IV. Part II. Conduran.
Condurango. The dried bark of *Marsdenia Condurango* Reichenbach filius. Yields not more than 12 per cent of ash.

Average dose: 4 gm. or 1 drachm.

Preparation: N. F.—Fluidextractum Condurango.

CONFECTIO ROSÆ, N. F. IV. From U. S. P. VIII. Confect. Ros.
Confection of rose. A mixture of red rose, sugar, clarified honey, and stronger rose water to make a mass.

CONFECTIO SENNÆ, N. F. IV. From U. S. P. VIII. Confect. Senn.
Confection of Senna. A mixture of senna, cassia fistula, tamarind, prune, fig, sugar, oil of coriander, and water to make a mass.

Average dose: 4 gm. or 60 grains.

CONIUM, N. F. IV. Part II. From U. S. P. VIII. Conium.
Conium, Poison Hemlock. The full grown but unripe fruit of *Conium maculatum* Linné. Yields not less than 0.5 per cent of coniine and not more than 8 per cent of ash. Method of assay.

Average dose: 0.2 gm. or 3 grains.

Preparations: N. F.—Extractum Conii, Fluidextractum Conii.

CONVALLARIA, U. S. P. VIII. See Convalariæ Radix, N. F. IV.

CONVALLARIÆ FLORES, N. F. IV. Part II. Convallar. Flor.

Convallaria Flowers, Lily-of-the-Valley Flowers. The dried inflorescence of *Convallaria majalis* Linné without admixture of more than 5 per cent of foreign matter. Yields not more than 12 per cent of ash.

Average dose: 0.5 gm. or 8 grains.

Preparation: N. F.—Fluidextractum Convallariæ Florum.

CONVALLIARIÆ RADIX, N. F. IV. Part II. From U. S. P. VIII. Convallar. Rad.

Convallaria Root, Convallaria U. S. P. VIII. Lily-of-the-Valley Root. The dried rhizome and roots of *Convallaria majalis* Linné. Contains not more than 10 per cent of ash.

Average dose: 0.5 gm. or 8 grains.

Preparation: N. F.—Fluidextractum Convallariæ Radicis.

COPAIBA, U. S. P. IX. Copaib.

Copaiba, Balsam of Copaiba, Copaiva. Official in European pharmacopœias as Balsamum Copaivæ (E). An oleoresin derived from South American species of Copaiba. Specific gravity from 0.940 to 0.995 at 25°. Tests for paraffin or fatty oils, gurjun balsam, paraffin oils, and African Copaiba.

Average dose: 1 mil or 15 minims.

Preparations: N. F.—Massa Copaibæ, Mistura Copaibæ, Mistura Copaibæ et Opii.

COPTIS, N. F. IV. Part II. Coptis.

Coptis, Goldthread. The dried plant *Coptis trifolia*, Salisbury. Yields not more than 8 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparation: N. F.—Fluidextractum Coptis.

CORDIALE RUBI FRUCTUS, N. F. IV. Cord. Rubi Fruct.

Blackberry Cordial. Now a mixture of Saigon Cinnamon, cloves, and myristica, extracted with diluted alcohol (to make 25) and this percolate added to blackberry syrup (to make 100).

Average dose: 8 mils or 2 fluidrachms.

CORIANDRUM, U. S. P. IX. Coriand.

Coriander, Coriander Seed. Official in European Pharmacopœias as Fructus Coriandri., (E). The dried ripe fruits of *Coriandrum sativum* Linné, without admixture of more than 5 per cent of other fruits or foreign matter. Yields not less than 0.5 per cent of volatile extractive, soluble in ether, and not more than 7 per cent of ash.

Average dose: 0.5 gm. or 8 grains.

Preparations: N. F.—Fluidextractum Stillingiæ Compositum, Infusum Gentianæ Compositum.

Cornus, N. F. IV. Part II. Corn.

Cornus, Dogwood Bark, Flowering Dogwood Bark. The dried root bark of *Cornus florida* Linné. Yields not more than 10 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparation: N. F.—Fluidextractum Corni.

Corydalis, N. F. IV. Part II. Coryd.

Corydalis, Turkey Corn, Squirrel Corn. The dried tubers of *Bicuculla canadensis* Millspaugh, usually somewhat mixed with the dried bulb-like portions of *Bicuculla Cucullaria* Millspaugh, without admixture of more than 5 per cent of other parts of the plants or of foreign matter. Yields not more than 8 per cent of ash.

Average dose: 0.65 gm. or 10 grains.

Preparations: N. F.—Fluidextractum Corydalis, Fluidextractum Stillingiæ Compositum.

Cotarninæ Hydrochloridum, U. S. P. IX. New.
Cotarn. Hydrochl.

Cotarnine Hydrochloride, Cotarnine Chloride. Quaternary oxymethyl-oxymethylene-dihydroisoquinoline chloride, obtained by hydrolyzing narcotine, and treating the resulting Cotarnine with hydrochloric acid. Melts between 142° and 144°.

Average dose: 0.06 gm. or 1 grain.

Coumarinum, N. F. IV. Part II. Coumar.

Coumarin. The anhydride, $C_6H_4(CH)_2OCO$, of ortho-oxycinnamic acid, occurring naturally in Tonka, Mellilot and other plants, or prepared synthetically. Tests for identity and purity.

Preparations: N. F.—Iodoformum Aromaticum, Oleum Ricini Aromaticum.

Creosoti Carbonas, U. S. P. IX. New. Creosot. Carb.

Creosote Carbonate. Also sold as Creosotal. A mixture of the carbonates of various constituents of creosote, chiefly guaiacol and creosol. Specific gravity from 1.145 to 1.170 at 25°. On incineration leaves not more than 0.1 per cent of ash.

Average dose: 1 gm. or 15 grains.

Creosotum, U. S. P. IX. Creosot.

Creosote, Creasote. Official in European pharmacopœias as Kreosotum (E). A mixture of phenols and phenol derivatives, chiefly guaiacol and creosol. Obtained during the distillation of wood tar. Specific gravity not below 1.078 at 25°. 80 per cent by volume distills between 200° and 220°.

Average dose: 0.25 mil or 4 minims.

Preparation: U. S. P.—Aqua Creosoti.

N. F.—Petroxolinum Creosoti, Mulla Creosoti Salicylicata.

Cresol, U. S. P. IX.

Cresol. Official in European pharmacopœias as Cresolum Crudum (E). Kresolum Crudum (S). A mixture of isomeric cresols obtained from coal tar. Specific gravity from 1.030 to 1.038 at 25°. Not less than 90 v. per cent of cresol distills between 195° and 205°.

Average dose: 0.05 mil or 1 minim.

Preparation: U. S. P.—Liquor Cresolis Compositus.

Creta Præparata, U. S. P. IX. Cret. Preæp.

Prepared Chalk, Drop Chalk. A native calcium carbonate freed from most of its impurities by elutriation and containing when dried not less than 97 per cent of $CaCO_3$. Tests for impurities and a method of assay.

Average dose: 1 gm. or 15 grains.

Preparations: U. S. P.—Pulvis Cretæ Compositus (which see).

N. F.—Pulvis Cretæ Aromaticus.

Crocus, N. F. IV. Part II. Croc.

Crocus, Saffron. The stigmas of *Crocus sativus* Linné without the admixture of more than 10 per cent of the yellow styles and other harmless impurities. Yields not more than 7.5 per cent of ash.

Preparations: N. F.—Pilulæ Antiperiodicæ, Pilulæ Antiperiodicæ sine Aloe, Tinctura Antiperiodica, Tinctura Antiperiodica sine Aloe, Tinctura Croci, Tinctura Opii Crocata, Tinctura Zedoariæ Amara.

Cubeba, U. S. P. IX. Cubeb.

Cubeb, Cubebs. Official in European pharmacopœias as Fructus Cubebæ (E). The dried, full-grown fruits of *Piper Cubeba* Linné filius matter. admixture of more than 5 per cent of stems and other foreign without Yields not less than 10 per cent of a nonvolatile extractive, soluble in ether, and not more than 8 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparation: U. S. P.—Oleoresina Cubebæ (which see).

N. F.—Fluidextractum Buchu Compositum (which see). Fluidextractum Cubebæ, Pilulæ Antiperiodicæ, Pilulæ Antiperiodicæ sine Aloe, Tinctura Antiperiodica, Tinctura Antiperiodica sine Aloe, Tinctura Cubebæ.

Cupri Sulphas, U. S. P. IX. Cupr. Sulph.

Copper Sulphate, Cupric Sulphate (Blue Vitriol). Official in European pharmacopœias as Cuprum Sulfuricum (E), Sulfas Cupricus (S). Contains from 62.97 to 66.79 per cent of anhydrous copper sulphate corresponding to not less than 98.5 per cent of the crystallized salt, $CuSO_4 + 5H_2O$. Tests for impurities and a method of assay.

Average dose: Emetic, 0.25 gm. or 4 grains.

Preparations: N. F.—Liquor Zinci et Ferri Compositus, Mistura Adstringens.

CUSSO, U. S. P. VIII. Deleted.

CYPRIPEDIUM, N. F. IV. Part II. From U. S. P. VIII. Cypriped.
Cypripedium, Lady Slipper Root. The dried rhizome and roots of *Cypripedium hirsutum* Miller or of *Cypripedium parviflorum* Salisbury without admixture of more than 5 per cent of other parts of the plant or of foreign matter. Yields not more than 12 per cent of ash.
Average dose: 1 gm. or 15 grains.
Preparation: N. F.—Fluidextractum Cypripedii.

DAMIANA, N. F. IV. Part II. Damian.
Damiana. The leaves of *Turnera diffusa* Wildenow or of *Turnera aphordisiaca* Ward without admixture of more than 10 per cent of stems and other parts of the same plant or of foreign matter. Yields not more than 10 per cent of ash.
Average dose: 2 gm. or 30 grains.
Preparation: N. F.—Fluidextractum Damianæ.

DECOCTA, U. S. P. IX.
Decoctions. A general formula. Decoctions must be freshly made from the drugs.

DECOCTUM ALOES COMPOSITUM, N. F. III. Deleted.

DECOCTUM CETRARIÆ, N. F. III. Deleted.

DECOCTUM SARSAPARILLÆ COMPOSITUM, N. F. IV. Decoc. Sarsap. Co.
Compound Decoction of Sarsaparilla. A decoction of sarsaparilla (10), sassafras (2), guaiac wood (2), glycyrrhiza (2), and mezereum (1), in water (to make 100).
Average dose: 120 mils or 4 fluid ounces.

DELPHINIUM, N. F. IV. Part II. Delphin.
Larkspur seed. The dried seeds of *Delphinium consolida* Linné and of *Delphinium ajacis* Linné without the admixture of more than 5 per cent of foreign matter. Yields not more than 7 per cent of ash.
Preparation: N. F.—Tinctura Delphinii.

DEXTRINUM ALBUM, N. F. IV. Part II. Dext. Alb.
White dextrin. A mixture of soluble carbodydrates, amylodextrin, achroodextrin, erythrodextrin, and maltodextrin, together with a variable amount of unconverted starch, obtained by the incomplete hydrolysis of starch by the action of an acid. Yields not more than 0.5 per cent of ash.
Preparations: N. F.—Pasta Dextrinata, Stilus Acidi Salicylici Dilubilis.

DIACETYLMORPHINA, U. S. P. IX. New. Diacetylmorph.
Diacetylmorphine; also sold as Heroin. Official in European pharmacopœias as Heroinum (E). An alkaloid ($C_{21}H_{23}NO_5$) pre-

pared from morphine by acetylization. Melts between 171.5 and 173.5. No weighable ash remains on incineration.

Average dose: 0.003 gm. or $\frac{1}{20}$ grain.

Preparation: N. F.—Elixir Terpini Hydratis et Diacetylmorphinæ.

Diacetylmorphinæ Hydrochloridum, U. S. P. IX. New. Diacetylmorph. Hydrochl.

Diacetylmorphine Hydrochloride, Diacetylmorphine Chloride. Official in European pharmacopœias as Diacetylmorphinæ Hydrochloridum (E). The hydrochloride ($C_{21}H_{23}NO_5HCl+H_2O$) of the alkaloid dicaetylmorphine. Melts at about 230°, with decomposition.

Average dose: 0.003 gm. or $\frac{1}{20}$ grain.

Diastasum, U. S. P. IX. New. Diastas.

Diastase. A mixture containing amylolytic enzymes obtained from an infusion of malt. It converts not less than 50 times its weight of potato starch into sugars. Tests and a method of assay.

Average dose: 0.5 gm. or 8 grains.

Digitalis, U. S. P. IX. Digit.

Digitalis, Fox Glove. Included in the International Protocol as Folium Digitalis (P. I.). The dried leaves of *Digitalis purpurea* Linné without admixture of more than 2 per cent of stems, flowers, and other foreign matter. Yields not more than 15 per cent of ash. Biological method of assay with requirements.

Average dose: 0.06 gm. or 1 grain.

Preparations: U. S. P.—Fluidextractum Digitalis, Infusum Digitalis, Tinctura Digitalis.

N. F.—Pilulæ Digitalis, Scillæ et Hydrargyri, Pilulæ Opii, Digitalis et Quininæ.

Dioscorea, N. F. IV. Part II. Diosc.

Dioscorea, Wild Yam Root, Colic Root. The dried rhizomes of *Dioscorea villosa* Linné. Yields not more than 7 per cent of ash.

Average dose: 4 gm. or 1 drachm.

Preparations: N. F.—Fluidextractum Dioscoreæ, Tinctura Viburni Opuli Composita.

Drosera, N. F. IV. Part II. Droser.

Drosera, Sundew. The air-dried flowering plant of *Drosera rotundifolia* Linné, frequently mixed with the closely allied species *Drosera intermedia* Hayne and *Drosera Longifolia* Linné. Yields not more than 30 per cent of ash.

Average dose: 4 gm. or 1 drachm.

Preparation: N. F.—Fluidextractum Droseræ.

Dulcamara, N. F. IV. Part II. Dulcam.

Bittersweet. The dried stems and branches of *Solanum Dulcamara* Linné. Yields not more than 6 per cent of ash.

Average dose: 4 gm. or 1 drachm.
Preparation: N. F.—Fluidextractum Dulcamaræ.

ECHINACEA, N. F. IV. Part II. Echin.
Echinacea. The dried rhizome and roots of *Brauneria pallida* Britton. Yields not more than 6 per cent of ash.
Average dose: 1 gm. or 15 grains.
Preparation: N. F.—Fluidextractum Echinaceæ.

ELASTICA, U. S. P. VIII. Deleted.

ELATERINUM, U. S. P. IX. Elaterin.
Elaterin. A neutral principle obtained from Elaterium, a substance deposited by the juice of the fruit *Ecballium Elaterium* A. Richard. Tests for identity and for readily carbonizable impurities. 0.1 gram of elaterin leaves no weighable amount of ash.
Average dose: 0.003 gm. or $\frac{1}{20}$ grain.
Preparation: U. S. P.—Trituratio Elaterini.

ELIXIRIA, N. F. IV.
Elixirs of the N. F. should be perfectly clear preparations when dispensed, must not be exposed to extremes of temperature, and should be preserved in tightly-stoppered bottles.

ELIXIR ACIDI SALICYLICI, N. F. III. Deleted.

ELIXIR ADJUVANS, U. S. P. VIII. See Elixir Glycyrrhizæ, U. S. P. IX.

ELIXIR AMMONII BROMIDI, N. F. IV. Elix. Ammon. Brom.
Elixir of Ammonium Bromide. Now a solution of ammonium bromide (8.5), in a mixture of syrup (20), distilled water (46), and aromatic elixir (to make 100).
Average dose: 4 mils or 1 fluidrachm.

ELIXIR AMMONII VALERATIS, N. F. IV. Elix. Ammon. Valer.
Elixir of Ammonium Valerate, Elixir Ammonii Valerianatis, N. F. III. A solution of ammonium valerate (3.5) with chloroform (0.15), tincture of vanilla and compound tincture of cudbear in aromatic elixir (to make 100).
Average dose: 4 mils or 1 fluidrachm.

ELIXIR AMMONII VALERIANATIS, N. F. III. See Elixir Ammonii Valeratis, N. F. IV.

ELIXIR AMMONII VALERIANATIS ET QUININÆ, N. F. III. Deleted.

ELIXIR AMYGDALÆ COMPOSITUM, N. F. IV. New.
Elix. Amygdal. Co.
Compound Elixir of Almond. A solution of oil of bitter almond and vanillin in a mixture of stronger orange flower water, alcohol (5), and distilled water (to make 100).
Preparation: N. F.—Elixir Trium Bromidorum.

ELIXIR ANISI, N. F. IV. Elix. Anis.

Elixir of Anise. A solution of anethol, oil of fennel, and spirit of bitter almond in a mixture of alcohol (24), syrup and distilled water (to make 100).

Average dose: For infants, 1 mil or 15 minims.

ELIXIR APII GRAVEOLENTIS COMPOSITUM, N. F. III. Deleted.

ELIXIR AROMATICUM, U. S. P. IX. Elix. Arom.

Aromatic Elixir, Simple Elixir. A mixture of compound spirit of orange (1.2), syrup (37.5), alcohol (25), and distilled water (to make 100).

Preparations: U. S. P.—Elixir Glycyrrhizæ, Liquor Ferri et Ammonii Acetatis.

N. F.—Used in making elixirs and other preparations.

ELIXIR AROMATICUM RUBRUM, N. F. IV. New. Elix. Arom. Rub.

Red Aromatic Elixir, Red Elixir. Aromatic elixir U. S. P. colored red with cudbear.

ELIXIR AURANTII AMARI, N. F. IV. Elix. Aurant. Amar.

Elixir of Bitter Orange. To replace Elixir Curassao, N. F. III. A solution of oil of bitter orange and tincture of bitter orange peel in a mixture of alcohol (30), stronger orange flower water, syrup, and distilled water (to make 100).

ELIXIR BISMUTHI, N. F. IV. Elix. Bismuth.

Elixir of Bismuth. A mixture of glycerite of bismuth (12.5), glycerin (12.5), distilled water (25), and aromatic elixir (to make 100).

Average dose: 4 mils or 1 fluidrachm.

ELIXIR BUCHU, N. F. IV. Elix. Buchu.

Elixir of Buchu. A mixture of fluidextract of Buchu (12.5), with alcohol (5) syrup and aromatic elixir (to make 100).

Average dose: 4 mils or 1 fluidrachm.

Preparation: N. F.—Elixir Buchu et Potassii Acetatis.

ELIXIR BUCHU COMPOSITUM, N. F. IV. Elix. Buchu Co.

Compound Elixir of Buchu. A mixture of compound fluidextract of buchu (25) with aromatic elixir (to make 100).

Average dose: 4 mils or 1 fluidrachm.

ELIXIR BUCHU ET POTASSII ACETATIS, N. F. IV.
Elix. Buchu et Pot. Acet.

Elixir of Buchu and Potassium Acetate. A solution of potassium acetate (8.5) in elixir of buchu (to make 100).

Average dose: 4 mils or 1 fluidrachm.

ELIXIR CAFFEINÆ, N. F. III. Deleted.

ELIXIR CALCII BROMIDI, N. F. IV. Elix. Calc. Brom.

Elixir of Calcium Bromide. A solution of calcium bromide (8.5), and diluted hydrobromic acid (0.4) in a mixture of syrup, distilled water, and aromatic elixir (to make 100).

Average dose: 4 mils or 1 fluidrachm.

ELIXIR CALCII ET SODII GLYCEROPHOSPHATUM, N. F. IV. Elix. Calc. et Sod. Glycerophos.

Elixir of Calcium and Sodium Glycerophosphates, Elixir Glycerophosphatum, N. F. III. In effect a solution of sodium glycerophosphate (1.25), calcium glycerophosphate (0.875) and phosphoric acid (0.8), in a mixture of glycerin, aromatic elixir and distilled water (to make 100).

Average dose: 4 mils or 1 fluidrachm.

ELIXIR CALCII HYPHOSPHITIS, N. F. IV. Elix. Calc. Hypophos.

Elixir of Calcium Hypophosphite. A solution of calcium hypophosphite (3.5), and hypophosphorous acid (0.4) in aromatic elixir (to make 100).

Average dose: 8 mils or 2 fluidrachms.

ELIXIR CALCII LACTOPHOSPHATIS, N. F. IV. Elix. Calc. Lactophos.

Elixir of Calcium Lactophosphate. In effect a solution of calcium lactophosphate (2.5), in a mixture of compound spirit of orange, syrup, alcohol (20), and distilled water (to make 100).

Average dose: 8 mils or 2 fluidrachms.

ELIXIR CARDAMOMI COMPOSITUM, N. F. IV. New. Elix. Card. Co.

Compound Elixir of Cardamom. A mixture of compound spirit of cardamom, alcohol (9) syrup, and distilled water (to make 100).

ELIXIR CASCARÆ SAGRADÆ, N. F. IV. Elix. Cascar. Sagr.

Elixir of Cascara Sagrada. Elixir Rhamni Purshianæ N. F. III. Elixir of Rhamnus Purshiana. A mixture of fluidextract of cascara sagrada (50) and aromatic elixir (to make 100).

Average dose: 4 mils or 1 fluidrachm.

ELIXIR CASCARÆ SAGRADÆ COMPOSITUM, N. F. IV. Elix. Cascar. Sagr. Co.

Compound Elixir of Cascara Sagrada, Elixir Rhamni Purshianæ Compositum N. F. III, Laxative Elixir. A mixture of aromatic fluidextract of cascara sagrada (12.5), fluidextract of senna (7.5), fluidextract of juglans (6.5), and aromatic elixir (to make 100).

Average dose: 4 mils or 1 fluidrachm.

ELIXIR CATHARTICUM COMPOSITUM, N. F. Elix. Cathart. Co.

Compound Cathartic Elixir. A mixture of fluidextract of frangula (12.5), fluidextract of senna (10), fluidextract of rhubarb (6.2), spirit of peppermint (1.4), solution of potassium hydroxide (0.45), with aromatic elixir (to make 100). No Saccharin.

Average dose: Aperient 4 mils or 1 fluidrachm; cathartic, 12 mils or 3 fluidrachms.

ELIXIR CHLOROFORMI COMPOSITUM, N. F. III. Deleted.

ELIXIR CINCHONÆ, N. F. III. See Elixir Cinchonæ Alkaloidarum, N. F. IV.

ELIXIR CINCHONÆ ALKALOIDORUM, N. F. IV. Elix. Cinchon. Alk.

Elixir of Cinchona Alkaloids, Elixir Cinchonæ, N. F. III, Elixir Calisaya, Alkaloidal. A solution of quinine sulphate (0.2), cinchonidine sulphate (0.1), cinchonine sulphate (0.1), in aromatic elixir (to make 100), colored with compound tincture of cudbear (5).

Average dose: 8 mils or 2 fluidrachms.

Preparations: N. F.—Elixir Cinchonæ Alkaloidorum et Ferri, Elixir Cinchonæ Alkaloidorum et Hypophosphitum.

ELIXIR CINCHONÆ ALKALOIDORUM ET FERRI, N. F. IV.
Elix. Cinchon. et Ferr.

Elixir of Cinchona Alkaloids and Iron, Elixir Cinchonæ et Ferri, N. F. III, Ferrated Elixir of Calisaya, Alkaloidal. A solution of ferric phosphate (3.5), in distilled water, mixed with elixir of cinchona alkaloids (to make 100).

Average dose: 8 mils or 2 fluidrachms.

Preparations: N. F.—Elixir Cinchonæ Alkaloidorum, Ferri et Bismuthi, Elixir Cinchonæ Alkaloidorum, Ferri et Calci Lactophosphatis, Elixir Cinchonæ Alkaloidorum, Ferri et Pepsini, Elixir Cinchonæ Alkaloidorum, Ferri et Strychninæ.

ELIXIR CINCHONÆ ALKALOIDORUM ET HYPOPHOSPHITUM, N. F. IV.
Elix. Cinchon. et Hypophos.

Elixir of Cinchona Alkaloids and Hypophosphites, Elixir Cinchonæ et Hypophosphitum, N. F. III, Elixir of Calisaya, Alkaloidal, with Hypophosphites. A solution of calcium hypophosphite (1.75), sodium hypophosphite (1.75) and hypophosphorous acid (0.8) in distilled water (12.5) and elixir of cinchona alkaloids (to make 100).

Average dose: 8 mils or 2 fluidrachms.

ELIXIR CINCHONÆ ALKALOIDORUM FERRI, BISMUTHI ET STRYCHNINÆ, N. F. IV. Elix. Cinchon. Ferr. Bism. et Strych.

Elixir of Cinchona Alkaloids, Iron, Bismuth and Strychnine, Elixir Cinchonæ, Ferri, Bismuthi et Strychninæ, N. F. III, Elixir of Calisaya, Alkaloidal, with Iron, Bismuth and Strychnine. A solution of strychnine sulphate (0.0175) in distilled water with elixir of cinchona alkaloids, iron, and bismuth (to make 100)

Average dose: 4 mils or 1 fluidrachm.

ELIXIR CINCHONÆ ALKALOIDORUM, FERRI ET BISMUTHI, N. F. IV.
Elix. Cinchon. Ferr. et Bism.

Elixir of Cinchona Alkaloids, Iron and Bismuth, Elixir Cinchonæ, Ferri et Bismuthi, N. F. III, Elixir of Calisaya, Alkaloidal, with Iron and Bismuth. A mixture of glycerite of bismuth (6.5) with distilled water and elixir of cinchona alkaloids and iron (to make 100).

Average dose: 8 mils or 2 fluidrachms.

Preparations: N. F.—Elixir Cinchonæ Alkaloidorum Ferri, Bismuthi et Strychninæ.

ELIXIR CINCHONÆ ALKALOIDORUM, FERRI, ET CALCI LACTOPHOSPHATIS, N. F. IV.
Elix. Cinchon. Ferr. et Calc. Lactophos.

Elixir of Cinchona Alkaloids, Iron and Calcium Lactophosphate, Elixir Cinchonæ, Ferri et Calcii Lactophosphatis, N. F. III, Elixir of Calisaya, Iron and Lactophosphate of Lime. A mixture of syrup of calcium lactophosphate (50), potassium citrate (3), and elixir of cinchona alkaloids and iron (to make 100).

Average dose: 8 mils or 2 fluidrachms.

ELIXIR CINCHONÆ ALKALOIDORUM FERRI ET PEPSINI, N. F. IV.
Elix. Cinchon. Ferr. et Pepsin.

Elixir of Cinchona Alkaloids, Iron and Pepsin, Elixir Cinchonæ, Ferri et Pepsini, N. F. III, Elixir of Calisaya, Alkaloidal, with Iron and Pepsin. A mixture of glycerite of pepsin (20) with elixir of cinchona alkaloids and iron (to make 100).

Average dose: 8 mils or 2 fluidrachms.

ELIXIR CINCHONÆ ALKALOIDORUM FERRI ET STRYCHNINÆ, N. F.
Elix. Cinchon. Ferr. et Strych.

Elixir of Cinchona Alkaloids, Iron and Strychnine, Elixir Cinchonæ, Ferri et Strychninæ, N. F. III, or Elixir of Calisaya, Alkaloidal, with Iron and Strychnine. A solution of strychnine sulphate (0.0175) in distilled water and elixir of cinchona alkaloids and iron (to make 100).

Average dose: 4 mils or 1 fluidrachm.

ELIXIR CINCHONÆ ET FERRI, N. F. III. See Elixir Cinchonæ Alkaloidorum, et Ferri, N. F. IV.

ELIXIR CINCHONÆ ET HYPOPHOSPHITUM, N. F. III. See Elixir Cinchonæ Alkaloidorum et Hyphosphitum, N. F. IV.

ELIXIR CINCHONÆ FERRI, BISMUTHI, ET STRYCHNINÆ, N. F. III. See Elixir Cinchonæ Alkaloidorum, Ferri, Bismuthi et Strychninæ, N. F. IV.

ELIXIR CINCHONÆ FERRI ET BISMUTHI, N. F. III. See Elixir Cinchonæ Alkaloidorum, Ferri et Bismuthi, N. F. IV.

Elixir Cinchonæ Ferri Calcii Lactophosphatis, N. F. III. See Elixir Cinchonæ Alkaloidorum Ferri et Calcii Lactophosphatis, N. F. IV.

Elixir Cinchonæ Ferri et Pepsini, N. F. III. See Elixir Cinchonæ Alkaloidorum, Ferri et Pepsini, N. F. IV.

Elixir Cinchonæ Ferri et Strychinæ, N. F. III. See Elixir Cinchonæ Alkaloidorum, Ferri et Strychninæ, N. F. IV.

Elixir Cinchonæ, Pepsini et Strychninæ, N. F. III. Deleted.

Elixir Cocæ, N. F. III. Deleted.

Elixir Cocæ et Guaranæ, N. F. III. Deleted.

Elixir Corydalis Compositum, N. F. IV. Elix. Coryd. Co.
Compound Elixir of Corydalis. A mixture of fluidextract of corydalis (6), fluidextract of stillingiæ (6), fluidextract of xanthoxylum (3), fluidextract of iris (9), alcohol (12.5), and potassium iodide (5) with aromatic elixir (to make 100).
Average dose: 4 mils or 1 fluidrachm.

Elixir Curassao, N. F. III. See Elixir Aurantii Amari, N. F. IV.

Elixir Digestivum Compositum, N. F. III. Deleted.

Elixir Eriodictyi Aromaticum, N. F. IV. Elix. Eriodict. Arom.
Aromatic Elixir of Eriodictyon, Aromatic Elixir of Yerba Santa, Elixir Corrigens. A mixture of fluidextract of eriodictyon (6), syrup (50), and compound elixir of taraxacum (to make 100).
Average dose: 4 mils or 1 fluidrachm.

Elixir Eucalypti, N. F. III. Deleted.

Elixir Euonymi, N. F. III. Deleted.

Elixir Ferri Hypophosphitis, N. F. IV. Elix. Ferr. Hypophos.
Elixir of Ferric Hypophosphite. A solution of ferric hypophosphite (1.65) and citric acid (2.15) in distilled water with aromatic elixir (to make 100).
Average dose: 4 mils or 1 fluidrachm.

Elixir Ferri Lactatis, N. F. IV. Elix. Ferr. Lact.
Elixir of Iron Lactate. A solution of ferric lactate (1.75) and potassium citrate (5.25) in distilled water and aromatic elixir (to make 100).
Average dose: 4 mils or 1 fluidrachm.

Elixir Ferri Phosphatis, N. F. IV. Elix. Ferr. Phos.
Elixir of Ferric Phosphate. A solution of ferric phosphate (3.5) in distilled water with aromatic elixir (to make 100).
Average dose: 4 mils or 1 fluidrachm

ELIXIR FERRI PYROPHOSPHATIS, N. F. IV. Elix. Ferr. Pyrophos.
Elixir of Ferric Pyrophosphate. A solution of ferric pyrophosphate (3.5) in distilled water with aromatic elixir (to make 100).
Average dose: 4 mils or 1 fluidrachm.

ELIXIR FERRI PYROPHOSPHATIS, QUININÆ ET STRYCHNINÆ, N. F. IV. Elix. Ferr. Pyrophos. Quin. et Strych.
Elixir of pyrophosphate of Iron, Quinine, and Strychnine. In effect a solution of ferric pyrophosphate (3.5), quinine sulphate (0.875), and strychnine (0.014) in aromatic elixir (to make 100).
Average dose: 4 mils or 1 fluidrachm.

ELIXIR FERRI, QUININÆ ET STRYCHNINÆ N. F. IV. Elix. Ferr. Quin. et Strych.
Elixir of Iron, Quinine, and Strychnine. In effect a solution of tincture of ferric citro-chloride (12.5), quinine hydrochloride (0.875), and strychnine sulphate (0.0175) in aromatic elixir (to make 100).
Average dose: 4 mils or 1 fluidrachm.

ELIXIR FERRI, QUININÆ ET STRYCHNINÆ PHOSPHATUM, U. S. P. VIII. Deleted.

ELIXIR FORMATUM, N. F. IV. New. Elix. Format.
Elixir of Formates. In effect a solution of potassium formate (5) and sodium formate (5) in aromatic elixir (to make 100).
Average dose: 8 mils or 2 fluidrachms.

ELIXIR FORMATUM COMPOSITUM, N. F. IV. New. Elix. Format. Co.
Compound Elixir of Formates. In effect a mixture of sodium formate (3), magnesium formate (2.5), lithium formate (1), strontium formate (3), quinine formate (1), glycerin, acetic ether, and formic acid, in compound elixir of cardamom (to make 100).
Average dose: 8 mils or 2 fluidrachms.

ELIXIR FRANGULA, N. F. IV. Deleted.

ELIXIR GENTIANÆ, N. F. IV. Elix. Gent.
Elixir of Gentian. A mixture of fluidextract of gentian (3.5) with compound spirit of cardamom (1.5), sodium citrate (3), glycerin (5), syrup, alcohol (20), and distilled water (to make 100).
Average dose: 4 mils or 1 fluidrachm.
Preparations: N. F.—Elixir Gentianæ et Ferri, Elixir Gentianæ et Ferri Phosphatis.

ELIXIR GENTIANÆ CUM TINCTURA FERRI CHLORIDI, N. F. III. See Elixi Gentianæ et Ferri, N. F. IV.

ELIXIR GENTIANÆ ET FERRI, N. F. IV. Elix. Gent. et Ferr.
Elixir of Gentian and Iron. Elixir Gentianæ cum Tinctura Ferri Chloridi, N. F. III. Elixir of Gentian with Tincture of

Ferric Citro-Chloride. A mixture of tincture of ferric citro-chloride (10) with elixir of gentian (to make 100).

Average dose: 4 mils or 1 fluidrachm.

ELIXIR GENTIANÆ ET FERRI PHOSPHATIS, N. F. IV.
Elix. Gent. et Ferr. Phosph.

Elixir of Gentian and Ferric Phosphate, Elixir Gentianæ Ferratum. A solution of ferric phosphate (1.75) in distilled water with elixir of gentian (to make 100).

Average dose: 4 mils or 1 fluidrachm.

ELIXIR GENTIANÆ GLYCERINATUM, N. F. IV. Elix. Gent. Glycerin.

Glycerinated Elixir of Gentian. Now a mixture of fluidextract of gentian (1), fluidextract of taraxacum (1.5), acetic ether, phosphoric acid, tincture of sweet orange peel, compound tincture of cardamom, glycerin, sugar, and sherry wine (to make 100). No saccharin.

Average dose: 8 mils or 2 fluidrachms.

ELIXIR GLYCEROPHOSPHATUM, N. F. III.
See Elixir Calcii et Sodii Glycerophosphatum, N. F. IV.

ELIXIR GLYCEROPHOSPHATUM COMPOSITUM, N. F. IV.
Elix. Glycerophos. Co.

Compound Elixir of Glycerophosphates, Compound Solution of Glycerophosphates. In effect a mixture of sodium glycerophosphate (2), calcium glycerophosphate (1.6), ferric glycerophosphate (0.3), manganese glycerophosphate (0.2), quinine glycerophosphate (0.1), strychnine glycerophosphate (0.015), with lactic acid in compound elixir of cardamom (to make 100).

Average dose: 8 mils or 2 fluidrachms.

ELIXIR GLYCYRRHIZÆ, N. F. III. Deleted.

ELIXIR GLYCYRRHIZÆ, U. S. P. IX. Elix. Glycyrrh.

Elixir of glycyrrhiza, Elixir of Licorice, Elixir Adjuvans, U. S. P. VIII. A mixture of fluidextract of glycyrrhiza (12.5) and aromatic elixir (to make 100).

ELIXIR GLYCYRRHIZÆ AQUOSUM, N. F. IV. New.
Elix. Glycyrrh. Aq.

Aqueous Elixir of Glycyrrhiza., Aqueous Elixir of Licorice. A mixture of fluidextract of glycyrrhiza (15), compound spirit of cardamom (0.5), stronger orange flower water (20), glycerin (15), syrup (15), and distilled water (to make 100).

Average dose: 8 mils or 2 fluidrachms.

ELIXIR GLYCYRRHIZÆ AROMATICUM, N. F. IV. Elix. Glycyrrh. Arom.

Aromatic Elixir of Glycyrrhiza, Aromatic Elixir of Licorice. A mixture of fluidextract of glycyrrhiza (12.5), oil of clove, oil of cassia, oil of myristica, and oil of fennel, with aromatic elixir (to make 100).

Average dose: 8 mils or 2 fluidrachms.

ELIXIR GRINDELLÆ, N. F. III. Deleted.

ELIXIR GUARANÆ, N. F. IV. Elix. Guar.

Elixir of Guarana. A mixture of fluidextract of guarana (20) with aromatic elixir (20) and compound elixir of taraxacum (to make 100).

Average dose: 4 mils or 1 fluidrachm.

ELIXIR HUMULI, N. F. IV. Elix. Humul.

Elixir of Hops. A mixture of fluidextract of hops (12.5) and tincture of vanilla (3) with compound elixir of taraxacum (12.5) and aromatic elixir (to make 100).

Average dose: 8 mils or 2 fluidrachms.

ELIXIR HYPOPHOSPHITUM, N. F. IV. Elix. Hypophos.

Elixir of Hypophosphites. A solution of calcium hypophosphite (5.25), sodium hypophosphite (1.75), potassium hypophosphite (1.75), with hypophosphorous acid in a mixture of distilled water, glycerin, compound spirit of cardamom, and aromatic elixir (to make 100).

Average dose: 8 mils or 2 fluidrachms.

ELIXIR HYPOPHOSPHITUM CUM FERRI, N. F. III. See Elixir Hypophosphitum et Ferri, N. F. IV.

ELIXIR HYPOPHOSPHITUM ET FERRI, N. F. IV.
Elix. Hypophos. et Ferr.

Elixir of Hypophosphites and Iron. A solution of calcium hypophosphite (1.75), sodium hypophosphite (1.75), potassium hypophosphite (0.875), ferric hypophosphite (0.875), and potassium citrate with hypophosphorous acid, in a mixture of distilled water, syrup, and aromatic elixir (to make 100).

Average dose: 8 mils or 2 fluidrachms.

ELIXIR LITHII BROMIDI, N. F. IV. Elix. Lith. Brom.

Elixir of Lithium Bromide. Now a solution of lithium bromide (8.5), in a mixture of syrup (20), distilled water (46), and aromatic elixir (to make 100).

Average dose: 8 mils or 2 fluidrachms.

ELIXIR LITHII CITRATIS, N. F. IV. Elix. Lith. Cit.

Elixir of Lithium Citrate. A solution of lithium citrate (8.5) in aromatic elixir (to make 100).

Average dose: 8 mils or 2 fluidrachms.

ELIXIR LITHII SALICYLATIS, N. F. IV. Elix. Lith. Salicyl.

Elixir of Lithium Salicylate. A solution of lithium salicylate (8.5) in aromatic elixir (to make 100).

Average dose: 8 mils or 2 fluidrachms.

ELIXIR MALTI ET FERRI, N. F. III. Deleted.

ELIXIR PARALDEHYDI, N. F. III. Deleted.

ELIXIR PEPSINI, N. F. IV. Elix. Pepsin.
Elixir of Pepsin. A mixture of glycerite of pepsin, (20) with glycerin (10), hydrochloric acid (0.4), and aromatic elixir (to make 100).
Average dose: 8 mils or 2 fluidrachms.
Preparation: N. F.—Elixir Pepsini et Ferri.

ELIXIR PEPSINI, BISMUTHI ET STRYCHNINÆ, N. F. IV.
Elix. Pepsin. Bism. et Strych.
Elixir of Pepsin, Bismuth, and Strychnine. A solution of strychnine (0.0175) and tartaric acid in elixir of pepsin and bismuth (to make 100).
Average dose: 4 mils or 1 fluidrachm.

ELIXIR PEPSINI ET BISMUTHI, N. F. IV. Elix. Pepsin et Bism.
Elixir of Pepsin and Bismuth. Now a mixture containing pepsin (0.85), glycerin (12.5), glycerite of bismuth (12.5), with distilled water, tincture of caramel, and aromatic elixir (to make 100).
Average dose: 8 mils or 2 fluidrachms.
Preparation: N. F.—Elixir Pepsini, Bismuthi et Strychninæ.

ELIXIR PEPSINI ET FERRI, N. F. IV. Elixir. Pepsin et Ferr.
Elixir of Pepsin and Iron. A mixture of tincture of ferric citrochloride (7.5), and elixir of pepsin (to make 100).
Average dose: 8 mils or 2 fluidrachms.

ELIXIR PEPSINI ET RENNINI COMPOSITUM, N. F. IV.
Elix. Pepsin. et Rennin. Co.
Compound Elixir of Pepsin and Rennin. Essentia Pepsini, N. F. III. As modified, a mixture containing pepsin (2.25), rennin (1.65), lactic acid (0.2), tincture of sweet orange peel, glycerin, alcohol (20),oil of myristica, and distilled water (to make 100).
Average dose: 8 mils or 2 fluidrachms.

ELIXIR PHOSPHORI, N. F. IV. Elix. Phosphor.
Elixir of Phosphorus. Essentially phosphorus (0.025), dissolved in chloroform and mixed with alcohol (34), glycerin (30), compound spirit of orange, oil of anise, and distilled water (to make 100).
Average dose: 4 mils or 1 fluidrachm.
Preparation: N. F.—Elixir Phosphori et Nucis Vomicæ.

ELIXIR PHOSPHORI ET NUCIS VOMICÆ, N. F. IV.
Elix. Phosphor. et Nuc. Vom.
Elixir of Phosphorus and Nux Vomica. A mixture of tincture of nux vomica (3.5), with elixir of pepsin (to make 100).
Average dose: 4 mils or 1 fluidrachm.

Elixir Picis Compositum, N. F. III. Deleted.

Elixir Pilocarpi, N. F. III. Deleted.

Elixir Potassii Acetatis, N. F. IV. Elix. Pot. Acet.
Elixir of Potassium Acetate. A solution of potassium acetate (8.5), in aromatic elixir (to make 100).
Average dose: 15 mils or 4 fluidrachms.

Elixir Potassii Acetatis et Juniperi, N. F. IV.
Elix. Pot. Acet. et Junip.
Elixir of Potassium Acetate and Juniper. A solution of potassium acetate (8.5) and fluidextract of juniper (12.5) in aromatic elixir (to make 100).
Average dose: 15 mils or 4 fluidrachms.

Elixir Potassii Bromidi, N. F. IV. Elix. Pot. Brom.
Elixir of Potassium Bromide. Now a solution of potassium bromide (17.5) in a mixture of syrup, distilled water, and aromatic elixir (to make 100). It may be colored with compound tincture of cudbear.
Average dose: 8 mils or 2 fluidrachms.

Elixir Quininæ et Phosphatum Compositum, N. F. III.
Deleted.

Elixir Quininæ Valeratis et Strychninæ, N. F. IV.
Elix. Quin. Valer. et Strych.
Elixir of Quinine Valerate and Strychnine, Elixir Quininæ Valerianatis et Strychinæ N. F. III. A solution of quinine valerate (1.75) and strychnine sulphate (0.0175) in a mixture of compound tincture of cudbear, distilled water, and aromatic elixir (to make 100).

Average dose: 4 mils or 1 fluidrachm.

Elixir Quininæ Valerianatis et Strychninæ, N. F. III.
See Elixir Quininæ Valeratis et Strychninæ, N. F. IV.

Elixir Rhamni Purshianæ, N. F. III. See Elixir Cascaræ Sagradæ, N. F. IV.

Elixir Rhamni Purshianæ Compositum, N. F. III. See Elixir Cascaræ Sagradæ Compositum, N. F. IV.

Elixir Rhei, N. F. III. Deleted.

Elixir Rhei Magnesii Acetatis, N. F. III. Deleted.

Elixir Rubi Compositum, N. F. IV. Elix. Rub. Co.
Compound Elixir of Blackberry. Now a mixture of blackberry root (1.6), nutgall (1.6), saigon cinnamon (1.6), clove (0.4), mace (0.2), and ginger (0.2), extracted with diluted alcohol (to make 25) and mixed with syrup of blackberry (to make 100).
Average dose: 15 mils or 4 fluidrachms.

ELIXIR SODII BROMIDI, N. F. IV. Elix. Sod. Brom.

Elixir of Sodium Bromide. Now a solution of sodium bromide (17.5) in a mixture of syrup, distilled water, and aromatic elixir (to make 100).

Average dose: 8 mils or 2 fluidrachms.

ELIXIR SODII HYPOPHOSPHITIS, N. F. IV. Elix. Sod. Hypophos.

Elixir of sodium hypophosphite. A solution of sodium hypophosphite (3.5) with hypophosphorous acid (0.4) in aromatic elixir (to make 100).

Average dose: 4 mils or 1 fluidrachm.

ELIXIR SODII SALICYLATIS, N. F. IV. Elix. Sod. Salicyl.

Elixir of Sodium Salicylate. A solution of sodium salicylate (8.5) in a mixture of syrup, distilled water, and aromatic elixir (to make 100).

Average dose: 4 mils or 1 fluidrachm.

ELIXIR SODII SALICYLATIS COMPOSITUM, N. F. IV. New. Elix. Sod. Salicyl. Co.

Compound Elixir of Sodium Salicylate. A solution of sodium salicylate (8), with fluidextract of cimicifuga (3.2), fluidextract of gelsemium (1.6), and potassium iodide (1.5) in aromatic elixir (to make 100).

Average dose: 4 mils or 1 fluidrachm.

ELIXIR STILLINGIÆ COMPOSITUM, N. F. III. Deleted.

ELIXIR STRYCHNINÆ VALERATIS, N. F. IV. Elix. Strych. Valer.

Elixir of Strychnine Valerate, Elixir Strychninæ Valerianatis, N. F. III. A solution of strychnine valerate (0.0175) in distilled water mixed with tincture of vanilla, compound tincture of cudbear, and aromatic elixir (to make 100).

Average dose: 4 mils or 1 fluidrachm.

ELIXIR STRYCHNINÆ VALERIANATIS, N. F. III. See Elixir Strychninæ Valeratis, N. F. IV.

ELIXIR TARAXACI COMPOSITUM, N. F. IV. Elix. Tarax. Co.

Compound Elixir of Taraxacum. A mixture of fluidextract of taraxacum (3.5), fluidextract of wild cherry (2), fluidextract of glycyrrhiza (6), tincture of sweet orange peel (6), tincture of cinnamon (3), compound tincture of cardamon (3), and aromatic elixir (to make 100).

Average dose: 8 mils or 2 fluidrachms.

Preparations: N. F.—Elixir Eriodictyi Aromaticum, Elixir Guaranæ, Elixir Humuli, Elixir Viburni Opuli Compositum.

ELIXIR TERPINI HYDRATIS, N. F. IV. Elix. Terpin. Hyd.

Elixir of Terpin Hydrate. Now a solution of terpin hydrate (1.75) in a mixture of tincture of sweet orange peel (2), spirit of bitter almond

(0.5), alcohol (42.5), glycerin (40), syrup (10), and distilled water (to make 100). No saccharin.

Average dose: 4 mils or 1 fluidrachm.

Preparations: N. F.—Elixir Terpini Hydratis cum Codeinæ, Elixir Terpini Hydratis cum Diacetylmorphinæ.

ELIXIR TERPINI HYDRATUS CUM CODEINA, N. F. III. See Elixir Terpini Hydratis et Codeinæ, N. F. IV.

ELIXIR TERPINI HYDRATIS CUM HEROINA, N. F. III. See Elixir Terpini Hydratis et Diacetylmorphinæ, N. F. IV.

ELIXIR TERPINI HYDRATIS ET CODEINÆ, N. F. IV.
Elix. Terpin. Hyd. et Codein.

Elixir of Terpin Hydrate and Codeine. Now a solution of codeine (0.2) in elixir of terpin hydrate (to make 100).

Average dose: 4 mils or 1 fluidrachm.

ELIXIR TERPINI HYDRATIS ET DIACETYLMORPHINÆ, N. F. IV.
Elixir Terpin. Hyd. et Diacetylmorph.

Elixir of Terpin Hydrate and Diacetylmorphine. Elixir Terpini Hydratis cum Heroina, N. F. III. Now a solution of diacetylmorphine hydrochloride (0.027) in elixir of terpin hydrate (to make 100).

Average dose: 4 mils or 1 fluidrachm.

ELIXIR TRIUM BROMIDORUM, N. F. IV. New. Elix. Tri. Brom.

Elixir of Three Bromides. A solution of ammonium bromide (8), potassium bromide (8), and sodium bromide (8) in compound elixir of almond (to make 100), colored red with cudbear.

Average dose: 4 mils or 1 fluidrachm.

ELIXIR TURNERÆ, N. F. III. Deleted.

ELIXIR VANILLINI COMPOSITUM, N. F. IV. New. Elix. Vanil. Co.

Compound Elixir of Vanillin. A mixture of compound spirit of vanillin (2), alcohol (8), glycerin, syrup, tincture of cardamom, and distilled water (to make 100).

ELIXIR VIBURNI OPULI COMPOSITUM, N. F. IV.
Elix. Viburn. Opul. Co.

Compound Elixir of Viburnum Opulus. A mixture of fluidextract of viburnum opulus (7.5), fluidextract of trillium (15), fluidextract of aletris (7.5), and compound elixir of taraxacum (to make 100).

Average dose: 4 mils or 1 fluidrachm.

ELIXIR VIBURNI PRUNIFOLII, N. F. IV. Elix. Viburn. Prun.

Elixir of Viburnum Prunifolium, Elixir of Black Haw. A mixture of fluidextract of viburnum prunifolium (12.5), compound tincture of cardamom (7.5), and aromatic elixir (to make 100).

Average dose: 4 mils or 1 fluidrachm.

ELIXIR ZINCI VALERATIS, N. F. IV. Elix. Zinc. Valer.
Elixir of Zinc Valerate, Elixir Zinci Valerianatis, N. F. III. A solution of zinc valerate (1.75) with citric acid (5.6) in a mixture of alcohol (12.5), spirit of bitter almond, compound tincture of cudbear, distilled water and aromatic elixir (to make 100).
Average dose: 4 mils or 1 fluidrachm.

ELIXIR ZINCI VALERIANATIS, N. F. III. See Elixir Zinci Valeratis N. F. IV.

EMETINÆ HYDROCHLORIDUM, U. S. P. IX. New. Emet. Hydrochl.
Emetine Hydroclhoride. The hydrochloride ($C_{30}H_{44}O_4N_2 2HCl$) of the alkaloid emetine, obtained from ipecac. 0.2 gm. leaves no weighable amount of ash. Tests for identity and purity.
Average dose: 0.02 gm. or $\frac{1}{3}$ grain.

EMPLASTRUM ADHÆSIUM, U. S. P. VIII. See Emplastrum Elasticum, U. S. P. IX.

EMPLASTRUM AMMONIACI, N. F. III. Deleted.

EMPLASTRUM AMMONIACI CUM HYDRARGYRO, N. F. III. Deleted.

EMPLASTRUM ARNICÆ, N. F. III. Deleted.

EMPLASTRUM AROMATICUM, N. F. III. Deleted.

EMPLASTRUM ASAFŒTIDÆ, N. F. III. Deleted.

EMPLASTRUM BELLADONNÆ, U. S. P. IX. Emp. Bellad.
Belladonna Plaster. An adhesive plaster containing 30 per cent of extract of belladonna leaves and yielding from 0.35 to 0.40 per cent of alkaloids from belladonna leaves. Method of assay.

EMPLASTRUM CANTHARIDIS, U. S. P. IX. New Emp. Canthar.
Cantharides Plaster. Cahtharides cerate spread on rosin plaster. Should not be dispensed unless it has been freshly prepared.

EMPLASTRUM CAPSICI, U. S. P. IX. Emp. Capsic.
Capsicum Plaster. Oleoresin of capsicum spread on rubber plaster. Each 15 square centimeters of spread plaster should contain 0.25 gm. of oleoresin of capsicum.

EMPLASTRUM ELASTICUM, U. S. P. IX. New. Emp. Elast.
Rubber Plaster, Rubber Adhesive Plaster. In place of Emplastrum Adhæ sivum U. S. P. VIII. A mixture of rubber, resins, and waxes with a filler of an absorbent powder, such as orris root or starch, mechanically mixed and spread upon cotton cloth or other fabric.
Preparation: U. S. P.—Emplastrum Capsici.

EMPLASTRUM FERRI, N. F. III. Deleted.

EMPLASTRUM FUSCUM CAMPHORATUM, N. F. IV. Emp. Fusc. Camph.
Camphorated Brown Plaster, Camphorated Mother Plaster. A combination by means of heat, of red oxide of lead (30)and olive oil (60), mixed with yellow wax (15) and camphor (1).
Preparation: N. F.—Unguentum Fuscum.

EMPLASTRUM GALBANI, N. F. III. Deleted.

EMPLASTRUM HYDRARGYRI, U. S. P. VIII. Deleted.

EMPLASTRUM OPII, U. S. P. VIII. Deleted.

EMPLASTRUM PICIS BURGUNDICÆ, N. F. III. Deleted.

EMPLASTRUM PICIS CANADENSIS, N. F. III. Deleted.

EMPLASTRUM PICIS CANTHARIDATUM, N. F. III. Deleted.

EMPLASTRUM PICIS LIQUIDÆ COMPOSITUM, N. F. III. Deleted.

EMPLASTRUM PLUMBI, U. S. P. IX. Emp. Plumb.
Lead Plaster. Diachylon Plaster. A lead soap made by boiling equal parts of lead oxide, olive oil, and lard in water.
Preparations: U. S. P.—Emplastrum Resinæ, Unguentum Diachylon.
N. F.—Unguentum Saponis.

EMPLASTRUM RESINÆ, U. S. P. IX. From N. F. III. Emp. Res.
Rosin Plaster, Rosin Adhesive Plaster, Adhesive Plaster. A mixture of rosin (14), lead plaster (80) and yellow wax (6).

EMPLASTRUM SAPONIS, N. F. IV. From U. S. P. VIII. Emp. Sapon.
Soap Plaster. A mixture of soap (10) and lead plaster (to make 100).

EMPLASTRUM SINAPIS, U. S. P. IX. Emp. Sinap.
Mustard Plaster, Charta Sinapis, U. S. P. VIII, Mustard Paper. A uniform mixture of black mustard, deprived of its fixed oil, and a solution of rubber, spread on paper, cotton cloth, or other fabric. A square of 100 square centimeters contains not less than 2.5 gm. of black mustard deprived of its fixed oil.

EMULSA, N. F. IV.
Emulsions. A general description with formulas for flavoring.

EMULSA SYMBOLICA, N. F. III. Deleted.

EMULSUM AMMONIACI, N. F. III. Deleted.

EMULSUM AMYGDALÆ, U. S. P. IX. Emuls. Amygd.
Emulsion of Almond, Milk of Almond. A mixture of sweet almond (6), acacia (1), sugar (3), and water (to make 100).

EMULSUM ASAFŒTIDÆ, U. S. P. IX Emuls. Asafœt.

Emulsion of Asafetida, Milk of Asafetida. A mixture of asafetida (4) and water (to make 100).

Average dose: 15 mils or 4 fluidrachms.

EMULSUM CHLOROFORMI, U. S. P. VIII. Deleted.

EMULSUM OLEI MORRHUÆ, U. S. P. IX. Emuls. Ol. Morrh.

Emulsion of Cod Liver Oil. Official in European pharmacopœias as Emulsio Olei Jecoris Aselli (E). A mixture of cod liver oil (50), acacia (12.5), syrup (10), methyl salicylate (0.4), and water (to make 100).

Average dose: 15 mils or 4 fluidrachms.

EMULSUM OLEI MORRHUÆ CUM CALCII ET SODII PHOSPHATIBUS, N. F. III. Deleted.

EMULSUM OLEI MORRHUÆ CUM CALCII LACTOPHOSPHATE, N. F. IV. Emuls. Ol. Morrh. c. Calc. Lactophos.

Emulsion of Cod Liver Oil with Calcium Lactophosphate. Now a mixture of cod liver oil (50), calcium lactophosphate (5), lactic acid (1.6), with acacia, syrup of tolu, flavoring, and water (to make 100).

Average dose: 15 mils or 4 fluidrachms.

EMULSUM OLEI MORRHUÆ CUM CALCII PHOSPHATE, N. F. IV. Emuls. Ol. Morrh. c. Calc. Phos.

Emulsion of Cod Liver Oil with Calcium Phosphate, Emulsion of Cod Liver Oil with Phosphate of Lime. Now a mixture of cod liver oil (50), precipitated calcium phosphate (3.5), with acacia, syrup of tolu, flavoring, and water (to make 100).

Average dose: 15 mils or 4 fluidrachms.

EMULSUM OLEI MORRHUÆ CUM EXTRACTO MALTI, N. F. III. See Emulsum Olei Morrhuæ cum Malto, N. F. IV.

EMULSUM OLEI MORRHUÆ CUM HYPOPHOSPHITIBUS, N. F. IV. From U. S. P. VIII. Emuls. Ol. Morrh. c. Hypophos.

Emulsion of Cod Liver Oil with Hypophosphites. A mixture of cod liver oil (50), calcium hypophosphite (1), potassium hypophosphite (0.5), and sodium hypophosphite (0.5), with acacia, syrup, flavoring, and water (to make 100).

Average dose: 8 mils or 2 fluidrachms.

EMULSUM OLEI MORRHUÆ CUM MALTO, N. F. IV. Emuls. Ol. Morrh. c. Malt.

Emulsion of Cod Liver Oil with Extract of Malt. Now a mixture of cod liver oil (30) with tragacanth, water, and extract of malt (to make 100).

Average dose: 15 mils or 4 fluidrachms.

Emulsum Olei Morrhuæ cum Pruno Virginiana, N. F. IV.
Emuls. Ol. Morrh. c. Prun. Virg.

Emulsion of Cod Liver Oil with Wild Cherry. Now a mixture of cod liver oil (50) and fluidextract of wild cherry (6.5) with acacia, syrup of tolu, flavoring, and water (to make 100).

Average dose: 15 mils or 4 fluidrachms.

Emulsum Olei Morrhuæ cum Vitello, N. F. IV. New.
Emuls. Ol. Morrh. c. Vitel.

Emulsion of Cod Liver Oil with Egg, Glyconin Emulsion of Cod Liver Oil, N. F. III. A mixture of cod liver oil (50), and glycerite of yolk of egg (17.5), with syrup of tolu, flavoring, and water (to make 100).

Average dose: 15 mils or 4 fluidrachms.

Emulsum Olei Ricini, N. F. IV. Emuls. Ol. Ricin.

Emulsion of Castor Oil. Now a mixture of castor oil (35) with acacia, tincture of vanilla, syrup, and water (to make 100).

Average dose: 45 mils or 1½ fluidounces.

Emulsum Olei Terebinthinæ, U. S. P. IX. Emuls. Ol. Tereb.

Emulsion of Oil of Turpentine. A mixture of rectified oil of turpentine (15), expressed oil of almond (5), syrup (25), acacia (15), and water (to make 100).

Average dose: 2 mils or ½ fluidrachm.

Emulsum Olei Terebinthinæ Fortior, N. F. III. Deleted.

Emulsum Petrolati, N. F. IV. Emuls. Petrolat.

Emulsion of Petrolatum, Emulsion Petrolei, N. F. III. Now a mixture of petrolatum (22.5) and expressed oil of almonds (22.5) with acacia, syrup, tincture of lemon peel, and water (to make 100).

Average dose: 15 mils or 4 fluidrachms.

Emulsum Petrolei, N. F. III. See Emulsum Petrolati, N. F. IV.

Emulsum Phosphaticum, N. F. III. Deleted.

Ergota, U. S. P. IX. Ergot.

Ergot, Ergot of Rye, Spurred Rye. Included in the International Protocol as Secale Cornutum (P. I.). The dried sclerotium of *Calviceps purpurea* Tulasne, replacing the grain of rye, *Secale cereale* Linné. Without admixture of more than 5 per cent of harmless seeds, fruits, and other foreign matter. Must be carefully preserved to prevent attacks by insects. Ergot yields not more than 5 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparations: U. S. P.—Extractum Ergotæ, Fluidextractum Ergotæ.

N. F.—Extractum Ergotæ Aquosum, Tinctura Ergotæ Ammoniata.

ERIODICTYON, U. S. P. IX. Eriodict.

Eriodictyon, Yerba Santa. The dried leaves of *Eriodictyon californicum* Greene, without admixture of more than 5 per cent of stems or other foreign matter.

Average dose: 1 gm. or 15 grains.

Preparation: U. S. P.—Fluidextractum Eriodictyi (which see).

ESSENTIA PEPSINI, N. F. III. See Elixir Pepsini et Rennini Compositum, N. F. IV.

EUCALYPTOL, U. S. P. IX. Eucalyptol.

Eucalyptol, Cineol. An organic compound ($C_{10}H_{18}O$) obtained from the volatile oil of *Eucalyptus globulus* Labillardière and from other sources. Specific gravity 0.921 to 0.923 at 25°. Boils between 174° and 177°. Congeals not below 0°.

Average dose: 0.3 mil. or 5 minims.

Preparations: N. F.—Liquor Antisepticus, Liquor Antisepticus Alkalinus, Liquor Pepsini Antisepticus, Nebula Aromatica, Nebula Eucalyptolis, Nebula Mentholis, Composita, Petroxolinum Eucalyptolis, Petroxolinum Iodoformi, Petroxolinum Sulphurata Compositum, Pulvis Antisepticus.

EUCALYPTUS, U. S. P. IX. Eucalypt.

Eucalyptus, Blue Gum Leaves. The dried leaves of *Eucalyptus globulus* Labillardière collected from the older parts of the tree, without admixture of more than 3 per cent of foreign matter.

Average dose: 2 gm. or 30 grains.

Preparation: U. S. P.—Fluidextractum Eucalypti.

EUGENOL, U. S. P. IX.

Eugenol. An unsaturated aromatic phenol ($C_{10}H_{12}O_2$) obtained from oil of clove and from other sources. Specific gravity from 1.064 to 1.070 at 25°. Boils between 250° and 255°. Eugenol is optically inactive and strongly refractive.

Average dose: 0.2 mil. or 3 minims.

Preparation: N. F.—Mistura Oleo-Balsamica.

EUONYMUS, N. F. IV, Part II. From U. S. P. VIII. Euonym.

Euonymus, Evonymus, Wahoo Bark, Burning Bush Bark. The dried bark of the root of *Euonymus Atropurpureus* Jacquin, without admixture of more than 3 per cent of wood and other foreign matter. Yields not more than 12 per cent of ash.

Average dose: 0.5 gm. or 8 grains. Caution—avoid an accumulation of the drug.

Preparations: N. F.—Extractum Euonymi, Fluidextractum Euonymi.

EUPATORIUM, N. F. IV, Part II. From U. S. P. VIII. Eupator.

Eupatorium, Thoroughwort, Boneset. The dried leaves and flowering tops of *Eupatorium perfoliatum* Linné. Yields not more than 10 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparation: N. F.—Fluidextractum Eupatorii.

EUPHORBIA PILULIFERA, N. F. IV, Part II. Euphorb. Pilul.

Euphorbia Pilulifera, Pill bearing Spurge. The dried entire, annual herb of *Euphorbia pilulifera* Linné collected while flowering and fruiting. Yields not more than 12 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparation: N. F.—Fluidextractum Euphorbiæ Piluliferæ.

EXTRACTA, U. S. P. IX, N. F. III.

Extracts. General formulas with descriptions of pilular extracts and of powdered extracts.

EXTRACTUM ACONITI, U. S. P. IX. From N. F. III. Ext. Aconit.

Extract of Aconite. Powdered Extract of Aconite. Yields from 1.8 to 2.2 per cent of the ether-soluble alkaloids of aconite. Method of assay and a biological assay.

Average dose: 0.01 gm. or $\frac{1}{6}$ grains.

EXTRACTUM ALOES, N. F. IV. From U. S. P. VIII. Ext. Aloes.

Extract of Aloes. Standardized aqueous extract (1–2) of aloes.

Average dose: 0.125 gm. or 2 grains.

Preparations: N. F.—Pilulæ Antiperiodicæ, Tinctura Antiperiodica

EXTRACTUM ARNICÆ RADICIS, N. F. III. Deleted.

EXTRACTUM BELLADONNÆ FOLIORUM, U. S. P. IX. Ext. Bellad. Fol.

Extract of Belladonna Leaves. Official in European pharmacopœias as Extractum Belladonnæ (E), included in the International Protocol as Belladonnæ Extractum (P. I.). Yields from 1.18 to 1.32 per cent of the alkaloids of belladonna leaves. One gram represents about 4 grams of belladonna leaves. Pilular extract and powdered extract with methods of assay.

Average dose: 0.015 gm. or $\frac{1}{4}$ grains.

Preparations: U. S. P.—Unguentum Belladonnæ (From pilular extract).

N. F.—Pilulæ Aloes et Podophylli Compositæ, Pilulæ Aloini Compositæ, Pilulæ Aloini Strychninæ et Belladonnæ, Pilulæ Aloini, Strychninæ et Belladonnæ Compositæ, Pilulæ Antidyspepticæ, Pilulæ Laxativæ Compositæ.

EXTRACTUM CANNABIS, U. S. P. IX. Ext. Cannab.

Extract of Cannabis. A pilular extract representing the alcohol-soluble constituents of cannabis. Biological assay.

Average dose: 0.01 gm. or 1/6 grain.

Preparations: N. F.—Mistura Chlorali et Potassii Bromidi Composita.

EXTRACTUM CANNABIS INDICÆ, U. S. P. VIII. See Extractum Cannabis, U. S. P. IX.

EXTRACTUM CARNIS, N. F. IV, Part II. Ext. Carnis.

Extract of Beef, Beef Extract. The residue obtained from fresh beef broth by evaporation at a low temperature.

Preparations: N. F.—Vinum Carnis, Vinum Carnis et Ferri.

EXTRACTUM CASCARÆ SAGRADÆ, U. S. P. IX. Ext. Cascar. Sagr.

Extract of Cascara Sagrada, Extractum Rhamni Purshianæ, U. S. P. VIII. Powdered extract of Cascara Sagrada. One gram represents the water-soluble constituents of 3 grams of cascara sagrada.

Average dose: 0.25 gm. or 4 grains.

Preparation: N. F.—Pilulæ Aloini, Strychninæ et Belladonnæ Compositæ.

EXTRACTUM CIMICIFUGÆ, U. S. P. IX. Ext. Cimicif.

Extract of Cimicifuga, Powdered Extract of Cimicifuga. One gram of the powdered extract represents the alcohol-soluble constituents of 4 grams of cimicifuga.

Average dose: 0.25 gm. or 4 grains.

EXTRACTUM CINCHONÆ, N. F. IV. Ext. Cinchon.

Extract of Cinchona. Yields from 22 to 26 per cent of total alkaloids from cinchona. Method of assay. Made by extracting cinchona with a mixture of alcohol (3) and water (1).

Average dose: 0.25 gm. or 4 grains.

EXTRACTUM COLCHICI CORMI, U. S. P. IX. Ext. Colch. Corm.

Extract of Colchicum Corm, Powdered Extract of Colchicum, Corm. One gram of the powdered extract of colchicum corm yields from 1.25 to 1.55 per cent of colchicine. One gram represents the alcohol-soluble constituents of 4 grams of colchicum corm. Method of assay.

Average dose: 0.06 gm. or 1 grain.

EXTRACTUM COLOCYNTHIDIS, U. S. P. IX. Ext. Colocynth.

Extract of Colocynth, Powdered Extract of Colocynth. One gram represents 4 grams of colocynth pulp, extracted with diluted alcohol.

Average dose: 0.03 gm. or 1/2 grain.

Preparations: U. S. P.—Extractum Colocynthidis Compositum (which see).

N. F.—Pilulæ Colocynthidis Compositæ, Pilulæ Colocynthidis et Hyoscyami, Pilulæ Antidyspepticæ.

EXTRACTUM COLOCYNTHIDIS COMPOSITUM, U. S. P. IX.
Ext. Colocynth. Co.

Compound Extract of Colocynth, Powdered Compound Extract of Colocynth. A mixture of extract of colocynth (16), aloes (50), cardamom seed (5), resin of scammony (14), and soap (15).

Average dose: 0.25 gm. or 4 grains.

Preparations: U. S. P.—Pilulæ Catharticæ Compositæ.

N. F.—Pilulæ Catharticæ Vegetabiles, Pilulæ Colocynthidis et Podophylli, Pilulæ Laxativæ Post Partum.

EXTRACTUM CONII, N. F. IV. Ext. Conii.

Extract of Conium. Yields from 1.8 to 2.2 per cent of coniine. Method of assay. Made by extracting conium with diluted alcohol.

Average dose: 0.03 gm. or ½ grain.

EXTRACTUM DIGITALIS, U. S. P. VIII. Deleted.

EXTRACTUM ERGOTÆ, U. S. P. IX. Ext. Ergot.

Extract of Ergot. Official in European Pharmacopœias as Extractum Secalis Cornuti (E). A pilular extract of the alcohol (85%) soluble constituents of ergot, previously exhausted with purified benzin.

Average dose: 0.25 gm. or 4 grains.

EXTRACTUM ERGOTÆ AQUOSUM, N. F. IV. New. Ext. Ergot. Aq.

Aqueous Extract of Ergot, Ergotin, P. I. Ergot extracted with chloroform water. Concentrated extract treated with alcohol and evaporated to a pilular consistence.

Average dose: 0.2 gm. or 3 grains.

EXTRACTUM EUONYMI, N. F. IV. From U. S. P. VIII.
Ext. Euonymi.

Extract of Euonymus, Powdered Extract of Euonymus; 1 gram represents 4 grams of euonymus extracted with a mixture of alcohol (4) and water (1).

Average dose: 0.125 gm. or 2 grains. To be administered with caution.

EXTRACTUM FELLIS BOVIS, U. S. P. IX. Ext. Fel. Bov.

Extract of Oxgall, Fel Bovis Purificatum, U. S. P. VIII. Powdered Extract of Oxgall. One gram of the extract represents the alcohol-soluble constituents of 8 grams of oxgall.

Average dose: 0.1 gm. or 1½ grains.

EXTRACTUM FERRI POMATUM, N. F. IV. Ext. Ferr. Pomat.

Ferrated Extract of Apples, Ferri Malas Crudus, Crude Malate of Iron. Reduced iron treated with fresh apple juice by means of heat. The resulting product filtered and evaporated to the consistence of a thick syrup.

Average dose: 0.65 gm. or 10 grains.

Preparation: N. F.—Tinctura Ferri Pomata.

EXTRACTUM GELSEMII, U. S. P. IX. New. Ext. Gelsem.

Extract of Gelsemium, Powdered Extract of Gelsemium. One gram of the powdered extract represents the alcohol-soluble constituents of four grams of gelsemium.

Average dose: 0.01 gm. or $\frac{1}{6}$ grain.

EXTRACTUM GENTIANÆ, U. S. P. IX. Ext. Gentian.

Extract of Gentian. A pilular extract representing the water-soluble constituents of gentian.

Average dose: 0.25 gm. or 4 grains.

Preparations: N. F.—Pilulæ Antiperiodicæ, Pilulæ Antiperiodicæ sine Aloe, Pilulæ Ferri Quininæ Aloes et Nucis Vomicæ, Pilulæ ad Prandium.

EXTRACTUM GLYCYRRHIZÆ, U. S. P. IX. Ext. Glycyrrh.

Extract of Glycyrrhiza, Extract of Licorice. The commercial Extract of Glycyrrhiza. Official in European pharmacopœias as Extractum Liquoritiæ Venale (E). Commercial extract of glycyrrhiza is 60 per cent soluble in cold water and yields on incineration not exceeding 6 per cent of ash.

Preparations: U. S. P.—Trochisci Ammonii Chloridi, Trochisci Cubebæ.

EXTRACTUM GLYCYRRHIZÆ DEPURATUM, N. F. III. Deleted.

EXTRACTUM GLYCYRRHIZÆ PURUM, U. S. P. IX.
Ext. Glycyrrh. Pur.

Pure Extract of Glycyrrhiza. Official in European pharmacopœias as Extractum Liquiritiæ (E). A pilular extract of the water-soluble constituents of glycyrrhiza.

Preparations: U. S. P.—Mistura Glycyrrhizæ Composita
N. F.—Mistura Ammonii Chloridi, Mistura Olei Picis.

EXTRACTUM HÆMATOXYLI, N. F. IV. From U. S. P. VIII.
Ext. Hæmatox.

Extract of Hematoxylon. Hematoxylon extracted with water by means of heat and extract evaporated to dryness.

Average dose: 1 gm. or 15 grains.

EXTRACTUM HYDRASTIS, U. S. P. IX. New. Ext. Hydrast.
Extract of Hydrastis, Extract of Golden Seal, Powdered Extract of Hydrastis. Yields from 9 to 11 per cent of the ether-soluble alkaloids of hydrastis. One gram represents about 4 grams of hydrastis.
Average dose: 0.5 gm. or 8 grains.

EXTRACTUM HYOSCYAMI, U. S. P. IX. Ext. Hyosc.
Extract of Hyoscyamus, included in the International Protocol as Hyoscyami Extractum (P. I.). A pilular extract of the alcohol (75 per cent) soluble constituents of hyoscyamus. Yields from 0.215 to 0.288 per cent of the alkaloids of hyoscyamus. One gram of the extract represents about 4 grams of the drug. Method of assay.
Preparations: N. F.—Mistura Chlorali et Potassii Bromidi Composita, Pilulæ Antineuralgicæ, Pilulæ Catharticæ Vegetabiles, Pilulæ Colocynthidis et Hyoscyamus, Pilulæ Laxativæ Post Partum.

EXTRACTUM IGNATIÆ, N. F. IV. New. Ext. Ignat.
Extract of Ignatia. Yields from 5.4 to 6.6 per cent of total alkaloids of ignatia. Ignatia extracted with a mixture of alcohol (3) and water (1).
Average dose: 0.03 gm. or ½ grain.

EXTRACTUM IRIDIS, N. F. III. Deleted.

EXTRACTUM JALAPÆ, N. F. IV. Ext. Jalap.
Extract of Jalap. The alcohol soluble extractive of jalap.
Average dose: 1 gm. or 15 grains.

EXTRACTUM JUGLANDIS, N. F. III. Deleted.

EXTRACTUM KRAMERIÆ, N. F. IV. From U. S. P. VIII.
Ext. Kramer.
Extract of Krameria. The water-soluble extract of krameria (1–4).
Average dose: 0.5 gm. or 8 grains.

EXTRACTUM LEPTANDRÆ, N. F. IV. From U. S. P. VIII.
Ext. Leptand.
Extract of Leptandra. Powdered Extract of Leptanda. An extract (1 = 4) made by percolating leptandra with a mixture of alcohol (3) and water (1).
Average dose: 0.25 gm. or 4 grains.

EXTRACTUM MALTI, U. S. P. IX. Ext. Malt.
Extract of Malt. A semi-solid extract representing the water-soluble constituents of malt. Specific gravity from 1.350 to 1.400 at 25°.
Average dose: 15 gm. or 4 drachms.
Preparation: N. F.—Emulsum Olei Morrhuæ cum Malti.

EXTRACTUM MALTI CUM OLEO MORRHUÆ, N. F. III. See Emulsum Olei, Morrhuæ cum Malti, N. F. IV.

EXTRACTUM NUCIS VOMICÆ, U. S. P. IX. Ext. Nuc. Vom.
Extract of Nux Vomica, Powdered Extract of Nux Vomica. Included in the International Protocol as Extractum Strychni or Nucis Vomicæ Extractum (P. I.). Yields from 15.2 to 16.8 per cent of the alkaloids of nux vomica. Method of assay.

Average dose: 0.015 gm. or ¼ grain.

Preparations: N. F.—Pilulæ Aloes et Podophylli Compositæ, Pilulæ Ferri, Quininæ, Aloes et Nucis Vomicæ, Pilulæ Laxativæ Post Partum.

EXTRACTUM OPII, U. S. P. IX. Ext. Opii.
Extract of Opium, Powdered Extract of Opium. Included in the International Protocol as Opii Extractum (P. I.). Yields from 19.5 to 20.5 per cent of anhydrous morphine. One gram of the extract represents about 2 grams of opium. Method of assay.

Average dose: 0.03 gm. or ½ grain.

EXTRACTUM PHYSOSTIGMATIS, U. S. P. IX. Ext. Physostig.
Extract of Physostigma, Powdered Extract of Physostigma. Yields from 1.7 to 2.3 per cent of the alkaloids of physostigma. One gram represents the alcohol-soluble constituents of about 13 grams of physostigma. Method of assay.

Average dose: 0.008 gm. or ⅛ grain.

EXTRACTUM PODOPHYLLI, N. F. IV. Ext. Podophyl.
Extract of Podophyllum, Extract of Mayapple. Made by extracting podophyllum with a mixture of alcohol (4) and water (1) and evaporating the resulting extract to pilular consistence.

Average dose: 0.015 gm. or ¼ grain.

EXTRACTUM QUASSIÆ, N. F. IV. From U. S. P. VIII. Ext. Quass.
Extract of Quassia. An aqueous extract (1 = 10) of quassia.

Average dose: 0.06 gm. or 1 grain.

EXTRACTUM RHAMNI PURSHIANÆ, U. S. P. VIII. See Extractum Cascaræ Sagradæ, U. S. P. IX.

EXTRACTUM RHEI, U. S. P. IX. Ext. Rhei.
Extract of Rhubarb, Powdered Extract of Rhubarb. One gram represents 2 grams of rhubarb.

Average dose: 0.25 gm. or 4 grains.

EXTRACTUM SCOPOLÆ, U. S. P. VIII. Deleted.

EXTRACTUM STRAMONII, U. S. P. IX. Ext. Stramon.
Extract of Stramonium. A pilular and a powdered extract required to yield from 0.9 to 1.1 per cent of the alkaloids of stramonium. One gram represents about 4 grams of the drug. Method of assay.

Average dose: 0.01 gm. or ⅙ grain.

Preparation: U. S. P.—Unguentum Stramonii (from pilular ext.).

Extractum Stramonii Seminis, N. F. III. Deleted.

Extractum Sumbul, U. S. P. IX. Ext. Sumbul.
Extract of Sumbul. The alcohol-soluble constituents of sumbul.
Average dose: 0.25 gm. or 4 grains.

Extractum Taraxaci, U. S. P. IX. Ext. Tarax.
Extract of Taraxacum. An alcohol (25 per cent) soluble extract of taraxacum of pilular consistence.
Average dose: 1 gm. or 15 grains.

Extractum Uvæ Ursi, N. F. III. Deleted.

Extractum Viburni Prunifolii, U. S. P. IX. New.
Ext. Viburn. Prun.
Extract of Viburnum Prunifolium, Powdered Extract of Viburnum Prunifolium. Made with diluted alcohol. One gram of the extract represents 5 grams of viburnum prunifolium.
Average dose: 0.5 gm. or 8 grains.

Farfara, N. F. IV. Part II. Farfar.
Coltsfoot, Coltsfoot Leaves, Tussilago Leaves. The dried leaves of *Tussilago farfara* Linné, without the presence or admixture of more than 5 per cent of the other parts of the plant. Yields not more than 20 per cent of ash.
Average dose: 4 gm. or 1 drachm.
Preparation: N. F.—Species Pectorales.

Fel Bovis, U. S. P. IX. Fel. Bovis.
Oxgall. The fresh bile of the ox *Bos taurus* Linné.
Preparation: U. S. P.—Extractum Fellis Bovis.

Fel Bovis Purificatum, U. S. P. VIII. See Extractum Fellis Bovis, U. S. P. IX.

Ferri Carbonas Saccharatus, U. S. P. IX. Ferr. Carb. Sacch.
Saccharated Ferrous Carbonate. Official in European pharmacopœias as Ferrum Carbonicum Saccharatum (E). Contains not less than 15 per cent of $FeCO_3$. Made by decomposing ferrous sulphate with sodium bicarbonate. Tests for identity and purity and a method of assay.
Average dose: 0.25 gm. or 4 grains.

Ferri Chloridum, U. S. P. IX. Ferr. Chlor.
Ferric Chloride. Iron Perchloride. Official in European pharmacopœias as Ferrum Sesquichloratum (E), Chloretum Ferricum (S). Contains $FeCl_3$. in a hydrated form corresponding to not less than 20 per cent of Fe. Tests for identity and purity and a method of assay.
Average dose: 0.06 gm. or 1 grain.

Ferri Citras, U. S. P. VIII. Deleted.

FERRI ET AMMONII CITRAS, U. S. P. IX. Ferr. et Ammon. Cit.
Iron and Ammonium Citrate, Soluble Ferric Citrate, Ammonio-Ferric Citrate. Official in European pharmacopœias as Citras Ferrico-Ammonicus (S). Iron citrate rendered more readily soluble by the presence of ammonium citrate and containing from 16 to 18 per cent of Fe. Tests for identity and purity and a method of assay.
Average dose: 0.25 gm. or 4 grains.
Preparations: N. F.—Vinum Carnis et Ferri, Vinum Ferri.

FERRI ET AMMONII SULPHAS, U. S. P. VIII. Deleted

FERRI ET AMMONII TARTRAS, U. S. P. VIII. Deleted.

FERRI ET POTASSII TARTRAS, U. S. P. VIII. Deleted.

FERRI ET QUININÆ CITRAS, U. S. P. VIII. Deleted.

FERRI ET QUININÆ CITRAS, U. S. P. IX. Ferr. et Quin. Cit.
Iron and Quinine Citrate, Soluble Iron and Quinine Citrate, Ferri et Quininæ Citras Solubilis, U. S. P. VIII. Official in European pharmacopœias as Chininum Ferro-Citricum (E), Citras Ferricus cum Chinina (S). Iron citrate and quinine citrate rendered more soluble by the presence of ammonium citrate and containing not less than 11.5 per cent of anhydrous quinine and not less than 13 per cent of Fe. Tests for identity and purity and a method of assay for quinine and for iron.
Average dose: 0.25 gm. or 4 grains.
Preparation: N. F.—Vinum Ferri Amarum.

FERRI ET QUININÆ CITRAS SOLUBILIS, U. S. P. VIII. See Ferri et Quininæ Citras, U. S. P. IX.

FERRI ET STRYCHNINÆ CITRAS, U. S. P. VIII. Deleted.

FERRI GLYCEROPHOSPHAS, N. F. IV. Part II. Ferr. Glycerophos.
Ferric Glycerophosphate, Ferric Glycerinophosphate. Contains a variable quantity of $Fe_2(C_3H_7O_6P)_3$ corresponding to from 14 to 16 per cent of Fe. Tests for identity and purity and a method of assay.
Average dose: 0.2 gm. or 3 grains.
Preparation: N. F.—Elixir Glycerophosphatum Compositum.

FERRI HYDROXIDUM, U. S. P. VIII. See Magma Ferri Hydroxidi, N. F. IV.

FERRI HYDROXIDUM CUM MAGNESII OXIDO, U. S. P. IX.
Ferr. Hydrox. cum Mag. Oxid.
Ferric Hydroxide with Magnesium Oxide, Arsenic Antidote, Ferric Hydrate with Magnesia. Official in European pharmacopœias as Antidotum Arsenici (E). A diluted solution of ferric sulphate and a mixture of magnesium oxide with water to be mixed when wanted.
Average dose: 120 mils or 4 fluidounces.

Ferri Hypophosphis, N. F. III. Deleted.

Ferri Hypophosphis, N. F. IV. Part II. From U. S. P. VIII.
Ferr. Hypophos.

Ferric Hypophosphite. Contains not less than 98 per cent of $Fe(PH_2O_2)_3$ corresponding to not less than 21.8 per cent of Fe. Tests for identity and purity and a method of assay.

Average dose: 0.2 gm. or 3 grains.

Preparations: N. F.—Elixir Ferri Hypophosphitis, Elixir Hypophosphitum et Ferro, Liquor Ferri Hypophosphitis, Liquor Hypophosphitum Compositus, Syrupus Ferri Hypophosphitis, Syrupus Hypophosphitum Compositus.

Ferri Iodidum Saccharatum, N. F. III. Deleted.

Ferri Lactas N. F. Part II. Ferr. Lact.

Ferrous Lactate, Iron Lactate. Contains not less than 97 per cent of $Fe(C_3H_5O_3)_2+3H_2O$. Tests for identity and purity and a method of assay.

Average dose: 0.3 gm. or 5 grains.

Preparations: N. F.—Elixir Ferri Lactatis, Syrupus Calcii Lactophosphatis cum Ferro, Syrupus Ferri Lactophosphatis.

Ferri Oxidum Saccharatum, N. F. IV. New. Ferr. Oxid. Sacch.

Saccharated Ferric Oxide, Soluble Ferric Oxide. Ferrum Oxydatum Saccharatum (G. P.), Eisenzucker. Contains the equivalent of not less than 2.8 per cent of Fe. Method of assay.

Preparation: N. F.—Syrupus Ferri Saccharati Solubilis.

Ferri Phosphas, U. S. P. IX. Ferr. Phos.

Ferric Phosphate, Ferri Phosphas Solubilis, U. S. P. VIII, Soluble Ferric Phosphate. Ferric phosphate rendered soluble by the presence of sodium citrate. Contains not less than 12 per cent of Fe. Tests for identity and purity and a method of assay.

Average dose: 0.25 gm. or 4 grains.

Preparations: N. F.—Elixir Cinchonæ Alkaloidarum et Ferri, Elixir Ferri Phosphatis, Elixir Gentianæ et Ferri Phosphatis, Liquor Phosphatum Compositus, Syrupus Ferri Quininæ et Strychninæ Phosphatum.

Ferri Phosphas Solubilis, U. S. P. VIII. See Ferri Phosphas, U. S. P. IX.

Ferri Pyrophosphas, N. F. IV. Part II. From U. S. P. VIII.
Ferr. Pyrophos.

Ferric Pyrophosphate, Soluble Ferric Pyrophosphate. Contains ferric pyrophosphate corresponding to not less than 10 per cent of iron. Tests for identity and purity and a method of assay.

Average dose: 0.25 gm. or 4 grains.

Preparations: NF.—Elixir Ferri Pyrophosphatis, Elixir Ferri Pyrophosphatis, Quininæ et Strychninæ.

Ferri Pyrophosphas Solubilis, U. S. P. VIII. See Ferri Pyrophosphas, N. F. IV.

Ferri Sulphas, U. S. P. IX. Ferr. Sulph.

Ferrous Sulphate, Iron Proto-sulphate. Official in European pharmacopœias as Ferrum Sulfuricum (E), Sulfas Ferrosus (S). Contains from 54.36 to 57.07 per cent of anhydrous ferrous sulphate. Corresponding to not less than 99.5 per cent of the crystallized salt, $FeSO_4+7H_2O$. Tests for identity and purity and a method of assay.

Average dose: 0.1 gm. or 1½ grains.

Preparations: U. S. P.—Ferri Sulphas Exsiccatus (which see) Ferri Sulphas Granulatus (which see) used in making Ferri Carbonas Saccharatus, Liquor Ferri Subsulphatis, Liquor Ferri Tersulphatis, Massa Ferri Carbonatis.

N. F.—Used in making: Liquor Ferri Oxysulphatis, Liquor Zinci et Ferri Compositus, Mistura Ferri Composita.

Ferri Sulphas Exsiccatus, U. S. P. IX. Ferr. Sulph. Exsic.

Exsiccated Ferrous Sulphate, Dried Ferrous Sulphate. Official in European pharmacopœias as Ferrum Sulfuricum Siccum (E); Sulfas Ferrosus Siccatus (S). Contains not less than 80 per cent of the anhydrous salt ($FeSO_4$). Tests for identity and purity and a method of assay.

Average dose: 0.06 gm. or 1 grain.

Preparations: N. F.—Pilulæ Aloes et Ferri, Pilulæ Ferri, Quininæ, Aloes, et Nucis Vomicæ.

Ferri Sulphas Granulatus, U. S. P. IX. Ferr. Sulph. Gran.

Granulated Ferrous Sulphate, Precipitated Ferrous Sulphate. Official in European pharmacopœias as Ferrum Sulfuricum Præcipitatum (E). Crystallized ferrous sulphate in granular form. The product complies with the requirements and tests for purity given under ferri sulphas.

Average dose: 0.1 gm. or 1½ grains.

Preparation: U. S. P.—Used in making: Pilulæ Ferri Carbonatis.

Ferrum, U. S. P. IX. Ferr.

Iron. Metallic iron in the form of fine, bright, and nonelastic wire.

Preparations: U. S. P.—Used in making: Liquor Ferri Chloridi Syrupus Ferri Iodidi.

N. F.—Used in making: Extractum Ferri Pomatum, Liquor Ferri Protochloridi, Syrupus Calcii Iodidi, Syrupus Ferri et Mangani Iodidi.

FERRUM REDUCTUM, U. S. P. IX. Ferr. Reduct.

Reduced Iron, Ferrum Redactum, Iron by Hydrogen., Quevenne's Iron. Official in European pharmacopœias as Ferrum Redactum (E). Iron reduced to the metallic state by the action of hydrogen upon ferric oxide. Contains not less than 90 per cent of metallic iron. Tests for identity and purity and a method of assay.

Average dose: 0.06 gm. or 1 grain.

Preparation: U. S. P.—Used in making: Pilulæ Ferri Iodidi.

N. F.—Pilulæ Ferri, Quininæ, Strychninæ et Arseni Fortiores, Pilulæ Ferri, Quininæ, Strychninæ et Arseni Mites.

FICUS, N. F. IV. Part II. From U. S. P. VIII. Ficus.

Fig. The partially dried fruit of *Ficus carica* Linné.

Preparations: N. F.—Confectio Sennæ, Syrupus Ficorum Compositus.

FLUIDEXTRACTA, U. S. P. IX. N. F. IV.

Fluidextracts. General directions and formulas for making fluidextracts.

FLUIDEXTRACTUM ACONITI, U. S. P. IX. Fldext. Aconit.

Fluidextract of Aconite, Fluid Extract of Aconite. Yields from 0.45 to 0.55 w/v per cent of the ether soluble alkaloids of aconite. Made by extracting aconite with a mixture of alcohol (3) and water (1). Method of assay. Also biological assay.

Average dose: 0.03 mil or ½ minim.

Preparation: N. F.—Linimentum Aconiti et Chloroformi.

FLUIDEXTRACTUM ADONIDIS, N. F. IV. Fldext. Adonid.

Fluidextract of Adonis. Made with a mixture of alcohol (3) and water (1).

Average dose: 0.125 mil or 2 minims.

FLUIDEXTRACTUM ALETRIDIS, N. F. IV. Fldext. Aletrid.

Fluidextract of Aletris. Made with diluted alcohol.

Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM ANGELICÆ RADICIS, N. F. Fldext. Angel. Rad.

Fluidextract of Angelica Root. Made with alcohol.

Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM APII GRAVEOLENTIS, N. F. III. See Fluidextractum Apii Fructi, N. F. IV.

FLUIDEXTRACTUM APII FRUCTUS, N. F. III. Fldext. Apii. Fruct.

Fluidextract of Celery Fruit. Made with alcohol.

Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM APOCYNI, N. F. IV. From U. S. P. VIII.
Fldext Apocyn.

Fluidextract of Apocynum, Fluid Extract of Apocynum, Fluid Extract of Canadian Hemp. Made with a mixture of glycerin (1), alcohol (6), and water (3), Biological method of assay.

Average dose: 0.75 mil or 12 minims, to be administered with caution.

FLUIDEXTRACTUM ARALIÆ, N. F. IV. Fldext. Aral.

Fluidextract of Aralia. Made with a mixture of alcohol (2) and water (1).

Average dose: 1 mil or 15 minims.

FLUIDEXTRACTUM ARALIÆ RACEMOSÆ, N. F. III. See Fluidextractum Araliæ, N. F. IV.

FLUIDEXTRACTUM ARNICÆ, N. F. IV. Fldext. Arnic.

Fluidextract of Arnica, Fluidextract of Arnica Flowers. Made with diluted alcohol.

Average dose: 1 mil or 15 minims.

FLUIDEXTRACTUM ARNICÆ FLORUM, N. F. III. See Fluidextractum Arnicæ, N. F. IV.

FLUIDEXTRACTUM ARNICÆ RADICIS, N. F. III. Deleted.

FLUIDEXTRACTUM AROMATICUM, U. S. P. IX. Fldext. Aromat.

Aromatic Fluidextract, Aromatic Fluid Extract. Aromatic powder extracted with alcohol.

Average dose: 1 mil or 15 minims.

FLUIDEXTRACTUM ASCLEPIADIS, N. F. IV. Fldext. Asclepiad.

Fluidextract of Aslepias. Made with diluted alcohol.

Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM ASPIDOSPERMATIS, U. S. P. IX. From N. F. III.
Fldext. Aspidosp.

Fluidextract of Aspidosperma, Fluid Extract of Aspidosperma, Fluidextract of Quebracho. Aspidosperma extracted with a mixture of glycerin (11), alcohol (67), and water (22).

Average dose: 4 mils or 1 fluidrachm.

FLUIDEXTRACTUM AURANTII AMARI, U. S. P. IX.
Fldext. Aurant. Amar.

Fluidextract of Bitter Orange Peel, Fluid Extract of Bitter Orange Peel. Bitter orange peel extracted with a mixture of alcohol (3) and water (1).

Average dose: 1 mil or 15 minims.

Preparation: N. F.—Vinum Rhei Compositum.

FLUIDEXTRACTUM BAPTISIÆ N. F. IV. New. Fldext. Baptis.

Fluidextract of Baptisia. Made with a mixture of alcohol (3) and water (1).

Average dose: 1 mil or 15 minims.

FLUIDEXTRACTUM BELLADONNÆ RADICIS, U. S. P. IX. Fldext. Bellad. Rad.

Fluidextract of Belladonna Root, Fluid Extract of Belladonna Root. Yields from 0.405 to 0.495 w/v per cent of the alkaloids of belladonna root. Made by extracting belladonna root with a mixture of alcohol (5) and water (1). Method of assay.

Average dose: 0.05 mil or 1 minim.

Preparation: U. S. P.—Linimentum Belladonnæ.

FLUIDEXTRACTUM BERBERIDIS, N. F. IV. From U. S. P. VIII. Fldext. Berberid.

Fluidextract of Berberis. Made with diluted alcohol.

Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM BOLDI, N. F. IV. Fldext. Boldi.

Fluidextract of Boldo. Made with alcohol.

Average dose: 0.5 mil or 8 minims.

FLUIDEXTRACTUM BUCHU, U. S. P. IX. Fldext. Buchu.

Fluidextract of Buchu, Fluid Extract of Buchu. Made by extracting buchu with alcohol.

Average dose: 2 mils or 30 minims.

Preparation: N. F.—Elixir Buchu. (Which see.)

FLUIDEXTRACTUM BUCHU COMPOSITUM, N. F. IV. Fldext. Buchu Co.

Compound Fluidextract of Buchu. A mixture of buchu (62.5), cubeb (12.5), juniper (12.5), and uva ursi (12.5) extracted with a mixture of alcohol (2) and water (1).

Average dose: 2 mils or 30 minims.

Preparation: N. F.—Elixir Buchu Compositum.

FLUIDEXTRACTUM CALAMI, U. S. P. VIII. Deleted.

FLUIDEXTRACTUM CALENDULÆ, N. F. IV. Fldext. Calend.

Fluidextract of Calendula. Made with alcohol.

FLUIDEXTRACTUM CALUMBÆ, N. F. IV. From U. S. P. VIII. Fldext. Calumb.

Fluidextract of Calumba. Made with a mixture of alcohol (8), glycerin (1) and water (1).

Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM CAMELLIÆ, N. F. III. Deleted.

FLUIDEXTRACTUM CANNABIS, U. S. P. IX. Fldext. Cannab.

Fluidextract of Cannabis. Fluid Extract of Cannabis. Made by extracting cannabis with alcohol. A biological assay.

Average dose: 0.1 mil or 1½ minims.

Preparation: N. F.—Collodium Salicyli Compositum.

FLUIDEXTDACTUM CANNABIS INDICÆ, U. S. P. VIII. See Fluidextractum Cannabis, U. S. P. IX.

FLUIDEXTRACTUM CAPSICI, U. S. P. VIII. Deleted.

FLUIDEXTRACTUM CASCARÆ SAGRADÆ, U. S. P. IX. Fldext. Cascar. Sagr.

Fluidextract of Cascara Sagrada. Fluid Extract of Cascara, Fluidextractum Rhamni Purshianæ, U. S. P. VIII. Official in European pharmacopœias as Extractum Rhamni Purshianæ Fluidum (E). Cascara Sagrada extracted with boiling water and the resulting concentrated extract preserved by the addition of alcohol (25 v. per cent).

Average dose: 1 mil or 15 minims.

FLUIDEXTRACTUM CASCARÆ SAGRADÆ AROMATICUM, U. S. P. IX. Fldext. Cascar. Sagr. Arom.

Aromatic Fluidextract of Cascara Sagrada, Aromatic Fluid Extract of Cascara Sagrada, Fluidextractum Rhamni Purshianæ Aromaticum, U. S. P. VIII. A mixture of Cascara Sagrada with magnesium oxide extracted with boiling water. Preserved with glycerin and aromatized and sweetened with oil of anise, oil of coriander, methyl salicylate and benzosulphinide.

Average dose: 2 mils or 30 minims.

Preparations: N. F.—Elixir Cascaræ Sagradæ, Elixir Cascaræ Sagradæ Compositum.

FLUIDEXTRACTUM CASTANEÆ, N. F. IV. Fldext. Castan.

Fluidextract of Chestnut Leaves. Extracted with boiling water. The concentrated extract precipitated with alcohol and preserved by the addition of glycerin and alcohol.

Average dose: 4 mils or 1 fluidrachm.

FLUIDEXTRACTUM CATARIÆ, N. F. IV. New. Fldext. Catar.

Fluidextract of Catnep. Made with a mixture of alcohol (3) and water (4).

Average dose: 4 mils or 1 fluidrachm.

FLUIDEXTRACTUM CAULOPHYLLI, N. F. IV. Fldext. Caulophyl.

Fluidextract of Caulophyllum. Made with a mixture of alcohol (3) and water (1).

Average dose: 0.5 mil or 8 minims.

FLUIDEXTRACTUM CHIMAPHILÆ, N. F. IV. From U. S. P. VIII.
Fldext. Chimaphil.

Fluidextract of Chimaphila. Made with diluted alcohol.

Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM CHIONANTHI, N. F. IV. New.
Fldext. Chionanth.

Fluidextract of Chionanthus. Made with a mixture of alcohol (3) and water (1).

Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM CHIRATÆ, N. F. IV. From U. S. P. VIII.
Fldext. Chirat.

Fluidextract of Chirata. Made with diluted alcohol.

Average dose: 1 mil or 15 minims.

FLUIDEXTRACTUM CIMICIFUGÆ, U. S. P. IX. Fldext. Cimicif.

Fluidextract of Cimicifuga, Fluid Extract of Cimicifuga, Fluidextract of Black Cohosh, Fluidextract of Black Snake Root. Cimicifuga extracted with alcohol.

Average dose: 1 mil or 15 minims.

Preparations: N. F.—Elixir Sodii Salicylatis Compositum, Syrupus Cimicifugæ Compositus.

FLUIDEXTRACTUM CINCHONÆ, U. S. P. IX. Fldext. Cinchon.

Fluidextract of Cinchona, Fluid Extract of Cinchona, Fluidextract of Calisaya Bark. Official in European pharmacopœias as Extractum Chinæ Fluidum (E). Yields from 4.5 to 5.5 w/v per cent of the alkaloids of cinchona. Made with a mixture of glycerin (1), diluted hydrochloric acid (1), and alcohol (8). Method of assay.

Average dose: 1 mil or 15 minims.

FLUIDEXTRACTUM CINCHONÆ AQUOSUM, N. F. IV. New.
Fldext. Cinchon. Aq.

Aqueous Fluidextract of Cinchona. Yields from 4.5 to 5.5 w/v per cent of the alkaloids of cinchona. Red cinchona extracted with a mixture of hydrochloric acid (3), glycerin (12.5) and water. Concentrated extractive preserved by the addition of alcohol. Method of assay.

Average dose: 1 mil or 15 minims.

FLUIDEXTRACTUM COCÆ, U. S. P. VIII. Deleted.

FLUIDEXTRACTUM COCILLANÆ, N. F. IV. New. Fldext. Cocillan.

Fluidextract of Cocillana. Made with a mixture of alcohol (3) and water (1).

Average dose: 1 mil. or 15 minims.

FLUIDEXTRACTUM COFFEÆ, N. F. IV. Fldext. Coff.

Fluidextract of Coffee, Fluidextractum Coffeæ Tostæ, N. F. III. Made with a mixture of glycerin (6.5), alcohol (2.5), and water (6.85).

Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM COFFEÆ TOSTÆ, N. F. III. See Fluidextractum Coffeæ, N. F. IV.

FLUIDEXTRACTUM COFFEÆ VIRIDIS, N. F. III. Deleted.

FLUIDEXTRACTUM COLCHICI CORMI, N. F. IV. Fldext. Colch. Corm.

Fluidextract of Colchicum Corm, Fluidextract of Colchici Radicis, N. F. III. Yields from 0.31 to 0.39 w/v per cent of colchicine. Made with a mixture of alcohol (2) and water (1). Method of assay.

Average dose: 0.2 mil or 3 minims.

FLUIDEXTRACTUM COLCHICI SEMINIS, U. S. P. IX. Fldext. Colch. Sem.

Fluidextract of Colchicum Seed, Fluid Extract of Colchicum Seed. Yields from 0.36 to 0.44 per cent of colchicine. Made with a mixture of alcohol (2) and water (1). Method of assay.

Average dose: 0.02 mil or 3 minims.

Preparation: N. F.—Vinum Colchici Seminis.

FLUIDEXTRACTUM CONDURANGO, N. F. IV. New. Fldext. Condurango.

Fluidextract of Condurango. Made with diluted alcohol.

Average dose: 4 mils or 1 fluidrachm.

FLUIDEXTRACTUM CONII, N. F. IV. From U. S. P. VIII. Fldext. Conii.

Fluidextract of Conium. Yields from 0.35 to 0.45 w/v per cent of coniine. Made with a mixture of acetic acid (2) and diluted alcohol (98). Method of assay.

Average dose: 0.2 mil or 3 minims.

FLUIDEXTRACTUM CONVALLARIÆ, U. S. P. VIII. See Fluidextractum Convallariæ Radicis, N. F. IV.

FLUIDEXTRACTUM CONVALLARIÆ FLORUM, N. F. IV. Fldext. Conval. Flor.

Fluidextract of Convallaria Flowers. Made with a mixture of alcohol (2) and water (1).

Average dose: 0.5 mil or 8 minims.

FLUIDEXTRACTUM CONVALLARIÆ RADICIS, N. F. IV. From U. S. P. VIII. Fldext. Conval. Rad.

Fluidextract of Convallaria Root, Fluidextractum Convallariæ, U. S. P. VIII, Fluidextractum Convallaria, U. S. P. VIII. Made with a mixture of alcohol (3) and water (1).

Average dose: 0.5 mil or 8 minims.

FLUIDEXTRACTUM COPTIS, N. F. IV. Fldext. Copt.

Fluidextract of Coptis. Made with diluted alcohol.

Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM CORNI, N. F. IV. Fldext. Corni.

Fluidextract of Cornus. Made with a mixture of gylcerin (15) and diluted alcohol (85).

Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM CORNUS CIRCINATÆ, N. F. III. Deleted.

FLUIDEXTRACTUM CORYDALIS, N. F. IV. Fldext. Corydal.

Fluidextract of Corydalis. Made from a mixture of alcohol (2) and water (1).

Average dose: 0.65 mil or 10 minims.

Preparations: N. F.—Elixir Corydalis Compositum, Elixir Viburni Opuli Compositum.

FLUIDEXTRACTUM COTO, N. F. III. See Fluidextractum Para Coto, N. F. IV.

FLUIDEXTRACTUM CUBEBÆ, N. F. IV. From U. S. P. VIII. Fldext. Cubeb.

Fluidextract of Cubeb. Made with alcohol.

Average dose: 1 mil or 15 minims.

FLUIDEXTRACTUM CUSSO, N. F. III. Deleted.

FLUIDEXTRACTUM CYPRIPEDII, N. F. IV. From U. S. P. VIII. Fldext. Cypriped.

Fluidextract of Cypripedium. Made with diluted alcohol.

Average dose: 1 mil or 15 minims.

FLUIDEXTRACTUM DAMIANÆ, N. F. IV. Fldext. Damian.

Fluidextract of Damiana, Fluidextractum Turneræ, N. F. III. Made with a mixture of alcohol (3) and water (1).

Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM DIGITALIS, U. S. P. IX. Fldext. Digital.

Fluidextract of Digitalis, Fluid Extract of Digitalis. Made with a mixture of alcohol (5) and water (1). A biological assay.

Average dose: 0.05 mil or 1 minim.

FLUIDEXTRACTUM DIOSCOREÆ, N. F. IV. New. Fldext. Dioscor.

Fluidextract of Dioscorea. Made with a mixture of alcohol (4) and water (1).

Average dose: 4 mils or 1 fluidrachm.

FLUIDEXTRACTUM DROSERÆ, N. F. IV. New. Fldext. Droser.

Fluidextract of Drosera. Made with a mixture of alcohol (2) and water (1.).

Average dose: 4 mils or 1 fluidrachm.

FLUIDEXTRACTUM DULCAMARÆ, N. F. IV. Fldext. Dulcam.
Fluidextract of Bittersweet. Made with diluted alcohol.
Average dose: 4 mils or 1 fluidrachm.

FLUIDEXTRACTUM ECHINACEÆ, N. F. IV. New. Fldext. Echin.
Fluidextract of Echinacea. Made with a mixture of alcohol (4) and water (1).
Average dose: 1 mil or 15 minims.

FLUIDEXTRACTUM ERGOTÆ, U. S. P. IX. Fldext. Ergot.
Fluidextract of Ergot, Fluid Extract of Ergot. Included in the International Protocol as Secalis Cornuti Extractum Extractum Fluidum (P. I.). Made with a mixture of hydrochloric acid (2) and diluted alcohol (98).
Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM ERIODICTYI, U. S. P. IX. Fldext. Eriodict.
Fluidextract of Eriodictyon, Fluid Extract of Eriodictyon, Fluidextract of Yerba Santa. Made with a mixture of alcohol (4) and water (1).
Average dose: 1 mil or 15 minims.
Preparations: N. F.—Elixir Eriodictyi Aromaticum, Syrupus Eriodictyi Aromaticus.

FLUIDEXTRACTUM EUCALYPTI, U. S. P. IX. Fldext. Eucalypt.
Fluidextract of Eucalyptus, Fluid Extract of Eucalyptus. Made with a mixture of alcohol (3) and water (1).
Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM EUONYMI, N. F. IV. From U. S. P. VIII.
Fldext. Euonym.
Fluidextract of Euonymus. Made with a mixture of alcohol (4) and water (1).
Average dose: 0.5 mil or 8 minims.

FLUIDEXTRACTUM EUPATORII, N. F. IV. From U. S. P. VIII.
Fldext. Eupator.
Fluidextract of Eupatorium. Made with diluted alcohol.
Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM EUPHORBIÆ PILULIFERÆ, N. F. IV. New.
Fldext. Euphorb. Pilul.
Fluidextract of Euphorbia Pilulofera. Made with diluted alcohol.
Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM FRANGULÆ, U. S. P. IX. Fldext. Frangul.
Fluidextract of Frangula, Fluid Extract of Frangula, Fluidextract of Buckthorn Bark. The water-soluble constituents of frangula. Preserved with alcohol (25 per cent).
Average dose: 1 mil or 15 minims.

Preparations: N. F.—Elixir Catharticum Compositum, Syrupus Sennæ Compositus.

FLUIDEXTRACTUM FUCI, N. F. IV. Fldext. Fuci.

Fluidextract of Fucus. Made with a mixture of alcohol (3) and water (1).

Average dose: 0.65 mil or 10 minims.

FLUIDEXTRACTUM GALEGÆ, N. F. IV. New. Fldext. Galeg.

Fluidextract of Galega. Made with diluted alcohol.

Average dose: 4 mils or 1 fluidrachm.

FLUIDEXTRACTUM GELSEMII, U. S. P. IX. Fldext. Gelsem.

Fluidextract of Gelsemium, Fluid Extract of Gelsemium. Made with a mixture of alcohol (4) and water (1).

Average dose: 0.03 mil or ½ minim.

Preparation: N. F.—Elixir Sodii Salicylatis Compositum.

FLUIDEXTRACTUM GENTIANÆ, U. S. P. IX. Fldext. Gent.

Fluidextract of Gentian, Fluid Extract of Gentian. Made with diluted alcohol.

Average dose: 1 mil or 15 minims.

Preparations: N. F.—Elixir Gentianæ (which see), Elixir Gentianæ Glycerinatum.

FLUIDEXTRACTUM GERANII, N. F. IV. From U. S. P. VIII.
Fldext. Geran.

Fluidextract of Geranium. Made with a mixture of glycerin (1), alcohol (6), and water (3).

Average dose: 1 mil or 15 minims.

FLUIDEXTRACTUM GLYCYRRHIZÆ, U. S. P. IX. Fldext. Glycyrrh.

Fluidextract of Glycyrrhiza, Fluid Extract of Glycyrrhiza, Fluidextract of Licorice. The water-soluble constituents of glycyrrhiza preserved with alcohol (25 v. per cent).

Average dose: 2 mils or 30 minims.

Preparations: U. S. P.—Elixir Glycyrrhizæ, Syrupus Sarsaparillæ Compositus.

N. F.—Elixir Glycyrrhizæ Aquosum, Elixir Glycyrrhizæ Aromaticum, Elixir Taraxaci Compositum, Syrupus Cimicifuga Compositus.

FLUIDEXTRACTUM GOSSYPII CORTICIS, N. F. IV.
Fldext. Gossyp. Cort.

Fluidextract of Cotton Root Bark. Made with alcohol.

Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM GOSSYPII RADICIS, N. F. III

See Fluidextractum Gossypii Corticis, N. F.

FLUIDEXTRACTUM GRANATI, U. S. P. IX. Fldext. Granat.

Fluidextract of Pomegranate, Fluid Extract of Pomegranate. Made with a mixture of glycerin (1), alcohol (5), and water (4).

Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM GRINDELIÆ, U. S. P. IX. Fldext. Grindel.

Fluidextract of Grindelia, Fluid Extract of Grindelia. Made with a mixture of alcohol (3) and water (1).

Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM GUARANÆ, U. S. P. IX. Fldext. Guaran.

Fluidextract of Guarana, Fluid Extract of Guarana. Yields from 3.6 to 4.4 w/v per cent of caffeine. Made with a mixture of alcohol (3) and water (1). Method of assay.

Average dose: 2 mils or 30 minims.

Preparation: N. F.—Elixir Guaranæ.

FLUIDEXTRACTUM HAMAMELIDIS FOLIORUM, N. F. IV. From U. S. P. VIII. Fldext. Hamamel. Fol.

Fluidextract of Hamamelis Leaves, Fluidextract of Witch Hazel Leaves. Made with a mixture of glycerin (1), alcohol (3), and water (5).

Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM HELIANTHEMI, N. F. IV. Fldext. Helianth.

Fluidextract of Helianthemum. Made with diluted alcohol.

Average dose: 4 mils or 1 fluidrachm.

FLUIDEXTRACTUM HELONIATIS, N. F. IV. New. Fldext. Helon.

Fluidextract of Helonias. Made with diluted alcohol.

Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM HUMULI, N. F. IV. Fldext. Humul.

Fluidextract of Hops, made with a mixture of alcohol (5) and water (3).

Average dose: 2 mils or 30 minims.

Preparation: N. F.—Elixir Humuli.

FLUIDEXTRACTUM HYDRANGEÆ, N. F. IV. Fldext. Hydrang.

Fluidextract of Hydrangea, Fluidextract of Seven Barks. Made with a mixture of alcohol (3) and water (2).

Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM HYDRASTIS, U. S. P. IX. Fldext. Hydrast.

Fluidextract of Hydrastis, Fluid Extract of Hydrastis, Fluidextract of Golden Seal. Official in European pharmacopœias as Extractum Hydrastis Fluidum (E). Yields from 1.8 to 2.2 w/v per cent of the ether-soluble alkaloids of hydrastis. Made with a mixture of glycerin (1), alcohol (5), and water (2). Method of assay.

Average dose: 2 mils or 30 minims.

Preparation: N. F.—Mistura Rhei Alkalina.

FLUIDEXTRACTUM HYOSCYAMI, U. S. P. IX. Fldext. Hyosc.

Fluidextract of Hyoscyamus, Fluidextract of Henbane, Fluid Extract of Hyoscyamus. Yields from 0.055 to 0.075 w/v per cent of the alkaloids of hyoscyamus. Made with a mixture of alcohol (5) and water (1). Method of assay.

Average dose: 0.2 mil or 3 minims.

FLUIDEXTRACTUM IPECACUANHÆ, U. S. P. IX. Fldext. Ipecac.

Fluidextract of Ipecac, Fluid Extract of Ipecac. Official in European pharmacopœias as Extractum Ipecacuanhæ Fluidum (E). Yields from 1.8 to 2.2 w/v per cent of the ether-soluble alkaloids of ipecac. Made with a mixture of diluted hydrochloric acid (1), alcohol (2), and water (2). Method of assay.

Average dose: Expectorant 0.05 mil or 1 minim.

Preparations: U. S. P.—Syrupus Ipecacuanhæ.

N. F.—Mistura Rhei Composita, Syrupus Asari Compositus, Syrupus Cimicifugæ, Tinctura Ipecacuanhæ, Vinum Ipecacuanhæ.

FLUIDEXTRACTUM IRIDIS, N. F. III. See Fluidextractum Iridis Versicoloris, N. F.

FLUIDEXTRACTUM IRIDIS VERSICOLORIS, N. F. IV. Fldext. Irid. Vers.

Fluidextract of Iris Versicolor. Made with alcohol.

Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM JALAPÆ, N. F. IV. Fldext. Jalap.

Fluidextract of Jalap. Made with alcohol.

Average dose: 1 mil or 15 minims.

FLUIDEXTRACTUM JUGLANDIS, N. F. IV. Fldext. Jugland.

Fluidextract of Juglans. Made with a mixture of alcohol (5), glycerin (1), and water (4).

Average dose: 4 mils or 1 fluidrachm.

FLUIDEXTRACTUM JUNIPERI, N. F. IV. Fldext. Junip.

Fluidextract of Juniper Berries. Made with diluted alcohol.

Average dose: 4 mils or 1 fluidrachm.

Preparation: N. F.—Elixir Potassii Acetatis et Juniperi.

FLUIDEXTRACTUM KAVÆ, N. F. IV. Fldext. Kav.

Fluidextract of Kava. Made with a mixture of alcohol (3) and water (2).

Average dose: 1 mil or 15 minims.

FLUIDEXTRACTUM KOLÆ, N. F. IV. Fldext. Kol.

Fluidextract of Kola, Fluidextractum Sterculiæ, N. F. III. Made with a mixture of alcohol (2) and water (1).

Average dose: 4 mils or 1 fluidrachm.

FLUIDEXTRACTUM KRAMERIÆ, N. F. IV. From U. S. P. VIII.
Fldext. Kramer.

Fluidextract of Krameria. Made with a mixture of glycerin (1), alcohol (5), and water (4).

Average dose: 1 mil or 15 minims.

FLUIDEXTRACTUM LAPPÆ, N. F. IV. From U. S. P. VIII.
Fldext. Lapp.

Fluidextractum of Lappa. Made with diluted alcohol.

Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM LEPTANDRÆ, N. F. IV. From U. S. P. VIII.
Fldext. Leptand.

Fluidextract of Leptandra. Made with diluted alcohol.

Average dose: 1 mil or 15 minims.

FLUIDEXTRACTUM LOBELIÆ, U. S. P. IX. Fldext. Lobel.

Fluidextract of Lobelia, Fluid Extract of Lobelia. Made with a mixture of acetic acid (0.5), alcohol (5), and water (4.5).

Average dose: 0.15 mil or 2½ minims.

FLUIDEXTRACTUM LUPULINI, N. F. IV. From U. S. P. VIII.
Fldext. Lupulin.

Fluidextract of Lupulin. Made with alcohol.

Average dose: 0.5 mil or 8 minims.

FLUIDEXTRACTUM MALTI, N. F. III. Deleted.

FLUIDEXTRACTUM MATICO, N. F. IV. From U. S. P. VIII.
Fldext. Matic.

Fluidextract of Matico. Made with a mixture of alcohol (3) and water (1).

Average dose: 4 mils or 1 fluidrachm.

FLUIDEXTRACTUM MENISPERMI, N. F. III. Deleted.

FLUIDEXTRACTUM MENYANTHIS, N. F. III. Deleted.

FLUIDEXTRACTUM MEZEREI, N. F. IV. From U. S. P. VIII.
Fldext. Mezer.

Fluidextract of Mezereum. Made with a mixture of alcohol (4) and water (1).

Preparations: N. F.—Linimentum Sinapis Compositum.

FLUIDEXTRACTUM NUCIS VOMICÆ, U. S. P. IX. Fldext. Nuc. Vom.

Fluidextract of Nux Vomica, Fluid Extract of Nux Vomica. Yields from 2.37 to 2.63 per cent of the alkaloids of nux vomica. Made with a mixture of alcohol (3) and water (1). Method of assay.

Average dose: 0.05 mil or 1 minim.

Fluidextractum Paracoto, N. F. IV. Fldext. Paracot.

Fluidextract of Paracoto (to replace Fluidextractum Coto, N. F. III). Made with a mixture of alcohol (9) and water (1).

Average dose: 0.3 mil or 5 minims.

Fluidextractum Pareiræ, N. F. IV. From U. S. P. VIII. Fldext. Pareir.

Fluidextract of Pareira. Made with diluted alcohol.

Average dose: 2 mils or 30 minims.

Fluidextractum Petroselini Radicis, N. F. IV. Fldext. Petrosel. Rad.

Fluidextract of Parsley Root. Made with a mixture of alcohol (2) and water (1).

Average dose: 2 mils or 30 minims.

Fluidextractum Phytolaccæ, N. F. IV. From U. S. P. VIII. Fldext. Phytolac.

Fluidextract of Phytollacca. Prepared with diluted alcohol.

Average dose: Emetic 1 mil or 15 minims.
Alterative, 0.1 mil or 1½ minims.

Fluidextractum Pilocarpi, U. S. P. Fldext. Pilocarp.

Fluidextract of Pilocarpus, Fluid Extract of Pilocarpus, Fluidextract of Jaborandi. Yields from 0.55 to 0.65 w/v per cent of the alkaloids of pilocarpus. Made with a mixture of alcohol (2) and water (1).

Average dose: 2 mils or 30 minims.

Fluidextractum Podophylli, U. S. P. IX. Fldext. Podophyll.

Fluidextract of Podophyllum, Fluid Extract of Podophyllum. Made with alcohol.

Average dose: 0.5 mil or 8 minims.

Fluidextractum Pruni Virginianæ, N. F. IV. From U. S. P. VIII. Fldext. Prun. Virg.

Fluidextract of Wild Cherry. Extracted with a mixture of glycerin (20), water (40). Percolation completed with a mixture of alcohol (2.5) and water (1.5).

Average dose: 2 mils or 30 minims.

Fluidextractum Quassiæ, N. F. IV. From U. S. P. VIII. Fldext. Quass.

Fluidextract of Quassia. Made with a mixture of alcohol (1) and water (2).

Average dose: 0.5 mils or 8 minims.

FLUIDEXTRACTUM QUERCUS, N. F. IV. From U. S. P. VIII.
Fldext. Querc.

Fluidextract of Quercus. Made with a mixture of glycerin (1), alcohol (5), and water (4).

Average dose: 1 mil or 15 minims.

FLUIDEXTRACTUM QUILLAJÆ, U. S. P. VIII. Deleted.

FLUIDEXTRACTUM RHAMNI CATHARTICÆ, N. F. IV.
Fldext. Rham. Cathart.

Fluidextract of Rhamnus Cathartica, Fluidextract of Buckthorn Berries. Made with diluted alcohol.

Average dose: 1 mil or 15 minims.

FLUIDEXTRACTUM RHAMNUS PURSHIANÆ, U. S. P. VIII. See Fluidextractum Cascaræ Sagradæ, U. S. P. IX.

FLUIDEXTRACTUM RHAMNUS PURSHIANÆ ALKALINUM, N. F. III. Deleted.

FLUIDEXTRACTUM RHAMNUS PURSHIANÆ AROMATICUM, U. S. P. VIII. See Fluidextractum Cascaræ Sagradæ Aromaticum, U. S. P. IX.

FLUIDEXTRACTUM RHEI, U. S. P. IX. Fldext. Rhei.

Fluidextract of Rhubarb, Fluid Extract of Rhubarb. Official in European pharmacopœias as Extractum Rhei Fluidum (E). Made with a mixture of alcohol (4) and water (1).

Average dose: 1 mil or 15 minims.

Preparations: N. F.—Elixir Catharticum Compositum, Mistura Rhei Alkalina, Mistura Rhei Composita, Syrupus Sennæ Compositus, Vinum Rhei Compositum.

FLUIDEXTRACTUM RHOIS GLABRÆ, N. F. IV. From U. S. P. VIII.
Fldext. Rhois Glab.

Fluidextract of Rhus Glabra. Made with a mixture of glycerin (1), alcohol (5), and water (4).

Average dose: 1 mil or 15 minims.

FLUIDEXTRACTUM ROSÆ, U. S. P. IX. Fldext. Rosæ.

Fluidextract of Rose, Fluid Extract of Rose. Made with a mixture of glycerin (1), alcohol (5), and water (4).

Average dose: 2 mils or 30 minims.

Preparations: U. S. P.—Mel Rosæ.

N. F.—Syrupus Rosæ.

FLUIDEXTRACTUM RUBI, N. F. IV. From U. S. P. VIII.
Fldext. Rubi.

Fluidextract of Rubus. Made with diluted alcohol.

Average dose: 1 mil or 15 minims.

Preparation: N. F.—Syrupus Rubi.

FLUIDEXTRACTUM RUMICIS, N. F. IV. Fldext. Rumic.
Fluidextract of Rumex. Made with diluted alcohol.
Average dose: 4 mils or 1 fluidrachm.

FLUIDEXTRACTUM SABAL, U. S. P. IX. New. Fldext. Sabal.
Fluidextract of Sabal, Fluid Extract of Sabal, Fluidextract of Saw Palmetto. Made with a mixture of alcohol (4) and water (1).
Average dose: 1 mil or 15 minims.

FLUIDEXTRACTUM SABINÆ, U. S. P. VIII. Deleted.

FLUIDEXTRACTUM SANGUINARIÆ, N. F. IV. From U. S. P. VIII. Fldext. Sanguin.
Fluidextract of Sanguinaria. A hydro-alcoholic extract: Made with a mixture of water (25) and alcohol (75), citric acid (10).
Average dose: 0.1 mil or ½ minim.

FLUIDEXTRACTUM SARSAPARILLÆ, U. S. P. IX. Fldext. Sarsap.
Fluidextract of Sarsaparilla, Fluid Extract of Sarsaparilla. Official in European pharmacopœias as Extractum Sarsaparillæ Fluidum (E). Made with diluted alcohol.
Average dose: 2 mils or 30 minims.
Preparation: U. S. P.—Syrupus Sarsaparillæ Compositus.

FLUIDEXTRACTUM SARSAPARILLÆ COMPOSITUM, U. S. P. IX. Fldext. Sarsap. Co.
Compound Fluidextract of Sarsaparilla, Compound Fluid Extract of Sarsaparilla. A mixture of sarsaparilla (15), glycyrrhiza (12), sassafras (10), mezereum (3), extracted with a mixture of glycerin (1), alcohol (5), and water (4).
Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM SCILLÆ, U. S. P. IX. Fldext. Scill.
Fluidextract of Squill, Fluid Extract of Squill. Made with a mixture of alcohol (2) and water (1). Biological method of assay.
Average dose: 0.1 mil or 1½ minims.
Preparations: U. S. P.—Syrupus Scillæ Compositus.
N. F.—Mistura Pectoralis, Stokes.

FLUIDEXTRACTUM SCOPARII, N. F. IV. Fldext. Scopar.
Fluidextract of Scoparius. Made with diluted alcohol.
Average dose: 1 mil or 15 minims.

FLUIDEXTRACTUM SCOPOLÆ, U. S. P. VIII. Deleted.

FLUIDEXTRACTUM SCUTELLARIÆ, N. F. IV. From U. S. P. VIII. Fldext. Scutellar.
Fluidextract of Scutellaria. Made with diluted alcohol.
Average dose: 1 mil or 15 minims.

FLUIDEXTRACTUM SENECIONIS, N. F. IV. New. Fldext. Senecion.
Fluidextract of Senecio. Made with a mixture of alcohol (2) and water (1).

Average dose: 4 mils or 1 fluidrachm.

FLUIDEXTRACTUM SENEGÆ, U. S. P. IX. Fldext. Seneg.
Fluidextract of Senega, Fluid Extract of Senega. Made with a mixture of alcohol (2) and water (1).

Average dose: 1 mil or 15 minims.

Preparations: U. S. P.—Syrupus Scillæ Compositus, Syrupus Senegæ.

N. F. Elixir Catharticum Compositum, Elixir Rhamni Purshianæ Compositum, Mistura Pectoralis, Stokes.

FLUIDEXTRACTUM SENNÆ, U. S. P. IX. Fldext. Senn.
Fluidextract of Senna, Fluid Extract of Senna. Made with a mixture of alcohol (1) and water (2).

Average dose: 2 mils or 30 minims.

Preparations: U. S. P.—Syrupus Sarsaparillæ Compositus, Syrupus Sennæ.

N. F.—Elixir Cascaræ Sagradæ Compositum, Elixir Catharticum Compositum, Syrupus Ficorum Compositus, Syrupus Sennæ Aromaticus, Syrupus Sennæ Compositus.

FLUIDEXTRACTUM SERPENTARIÆ, N. F. IV. From U. S. P. VIII.
Fldext. Serpentar

Fluidextract of Serpentaria. Made with a mixture of alcohol (4) and water (1).

Average dose: 1 mil or 15 minims.

FLUIDEXTRACTUM SOLANI, N. F. IV. New. Fldext. Solan.
Fluidextract of Solanum, Fluid extract of Horse Nettle Berries. Made with a mixture of alcohol (2) and water (1).

Average dose: 4 mils or 1 fluidrachm.

FLUIDEXTRACTUM SPIGELIÆ, U. S. P. IX. Fldext. Spigel.
Fluidextract of Spigelia, Fluidextract of Pink Root, Fluid Extract of Spigelia. Made with diluted alcohol.

Average dose: 5 mils or 1 fluidrachm.

FLUIDEXTRACTUM STAPHISAGRIÆ, U. S. P. IX Fldext. Staphisag.
Fluidextract of Staphisagria, Fluid Extract of Staphisagria, Fluidextract of Stavesacre. Made with alcohol.

FLUIDEXTRACTUM STERCULIÆ, N. F. III. See Fluidextractum Kolæ, N. F. IV.

FLUIDEXTRACTUM STILLINGIÆ, U. S. P. IX. Fldext. Stilling.
Fluidextract of Stillingia, Fluid Extract of Stillingia. Made with diluted alcohol.

Average dose: 2 mils or 30 minims.

Preparation: N. F.—Elixir Corydalis Compositum.

FLUIDEXTRACTUM STILLINGIÆ COMPOSITUM, N. F.
Fldext. Stilling. Co.

Compound Fluidextract of Stillingia. A mixture of stillingia (25), corydalis (25), blue flag (12.5), sambucus (12.5), chimaphila (12.5), coriander (6.3), and prickly ash berries (6.2) extracted with a mixture of glycerin (25), alcohol (50), and water (25), followed by diluted alcohol (to make 100).

Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM STRAMONII, N. F. IV. From U. S. P. VIII.
Fldext. Stramon.

Fluidextract of Stramonium. Made with a mixture of alcohol (2) and water (1). Yields from 0.22 to 0.28 w/v per cent of the alkaloids of Stramonium. Method of assay.

Average dose: 0.05 mil or 1 minim.

FLUIDEXTRACTUM STRAMONII SEMINIS, N. F. III. Deleted.

FLUIDEXTRACTUM SUMBUL, U. S. P. IX. Fldext. Sumbul.

Fluidextract of Sumbul, Fluidextract of Musk Root, Fluid Extract of Sumbul. Made with a mixture of alcohol (4) and water (1).

Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM TARAXACI, U. S. P. IX. Fldext. Tarax.

Fluidextract of Taraxacum, Fluidextract of Dandelion, Fluid Extract of Taraxacum. Made with a mixture of glycerin (1), alcohol (5), and water (4).

Average dose: 10 mils or 2½ fluidrachms.

Preparations: N. F.—Elixir Gentianæ Glycerinatum, Elixir Taraxaci Compositum.

FLUIDEXTRACTUM THUJÆ, N. F. IV. New. Fldext. Thuj.

Fluidextract of Thuja. Made with alcohol.

Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM THYMI, N. F. IV. New. Fldext. Thym.

Fluidextract of Thyme. Made with a mixture of glycerin (10), alcohol (25), and water (65).

Average dose: 4 mils or 1 fluidrachm.

EXTRACTUM TRIFOLII, N. F. IV. Fldext. Trifol.

Fluidextract of Trifolium. Made with diluted alcohol.

Average dose: 4 mils or 1 fluidrachm.

FLUIDEXTRACTUM TRILLII, N. F. IV. Fldext. Trill.

Fluidextract Trillium. Made with a mixture of alcohol (3) and water (1).

Average dose: 2 mils or 30 minims.

Preparation: N. F.—Elixir Viburni Opuli Compositum.

FLUIDEXTRACTUM TRITICI, U. S. P. IX. Fldext. Tritic.

Fluidextract of Triticum, Fluidextract of Couch Grass, Fluid Extract of Triticum. The water-soluble constituents of triticum preserved with alcohol (20 v. per cent).

Average dose: 10 mils or 2½ fluidrachms.

FLUIDEXTRACTUM TURNERÆ, N. F. III. See Fluidextractum Damianæ, N. F. IV.

FLUIDEXTRACTUM URTICÆ, N. F. III. Deleted.

FLUIDEXTRACTUM UVÆ URSI, U. S. P. IX. Fldext. Uvæ Ursi.

Fluidextract of Uva Ursi, Fluid Extract of Uva Ursi. Made with a mixture of glycerin (1), alcohol (3), and water (5).

Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM VALERIANÆ, N. F. IV. From U. S. P. VIII. Fldext. Valer.

Fluidextract of Valerian. Made with a mixture of alcohol (4) and water (1).

Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM VERATRI, U. S. P. VIII. See Fluidextractum Veratri Viridis, U. S. P. IX.

FLUIDEXTRACTUM VERATRI VIRIDIS, U. S. P. IX. Fldext. Verat. Vir.

Fluidextract of Veratrum Viride, Fluidextract of Green Hellebore, Fluid Extract of Veratrum Viride. Made with alcohol.

Average dose: 0.1 mil or 1½ minims.

FLUIDEXTRACTUM VERBASCI, FOLIÆ N. F. IV. Fldext. Verbasc. Fol.

Fluidextract of Mullein leaves, Fluidextract of Verbascum. Made with diluted alcohol.

Average dose: 4 mils or 1 fluidrachm.

FLUIDEXTRACTUM VERBENÆ, N. F. IV. Fldext. Verben.

Fluidextract of Verbena. Made with diluted alcohol.

Average dose: 1 mil or 15 minims.

FLUIDEXTRACTUM VIBURNI OPULI, N. F. IV. From U. S. P. VIII. Fldext. Viburn. Opul.

Fluidextract of Viburnum Opulus, Fluidextract of Cramp Bark. The drug extracted with alcohol (2) and water (1).

Average dose: 2 mils or 30 minims.

FLUIDEXTRACTUM VIBURNI PRUNIFOLII, U. S. P. IX. Fldext. Viburn. Prun.

Fluidextract of Viburnum Prunifolium, Fluidextract of Black Haw, Fluid Extract of Viburnum Prunifolium. Official in European pharmacopœias as Extractum Viburni Fluidum (E). Made with a mixture of alcohol (2) and water (1).

Average dose: 2 mils or 30 minims.

Preparation: N. F.—Elixir Viburni Prunifolii.

FLUIDEXTRACTUM XANTHOXYLI, U. S. P. IX. Fldext. Xanthox.

Fluidextract of Xanthoxylum, Fluidextract of Prickly Ash, Fluid Extract of Xanthoxylum. Made with a mixture of alcohol (3) and water (1).

Average dose: 2 mils or 30 minims.

Preparation: N. F.—Elixir Corydalis Compositum.

FLUIDEXTRACTUM ZEÆ, N. F. IV. Fldext. Zea.

Fluidextractum Zea. Made with diluted alcohol.

Average dose: 4 mils or 1 fluidrachm.

FLUIDEXTRACTUM ZINGIBERIS, U. S. P. Fldext. Zingib.

Fluidextract of Ginger, Fluid Extract of Ginger. Made with alcohol.

Average dose: 1 mil or 15 minims.

Preparation: U. S. P.—Syrupus Zingiberis.

FLUIDGLYCERATA, N. F. New.

Fluidglycerates. Concentrated liquid preparations of the same strength as fluidextracts. They contain approximately 50 per cent by volume of glycerin and no alcohol. General process for making.

FLUIDGLYCERATUM CASCARÆ SAGRADÆ, N. F. IV. New.
Fldglycer. Cascar. Sagr.

Fluidglycerate of Cascara Sagrada. Fluidglycerate of Rhamnus Purshiana. Made with a mixture of glycerin and water.

Average dose: 1 mil or 15 minims.

FLUIDGLYCERATUM CASCARÆ SAGRADÆ AROMATICUM, N. F. IV. New. Fldglycer. Cascar. Sagr. Arom.

Aromatic Fluidglycerate of Cascara Sagrada, Aromatic Fluidglycerate of Rhamnus Purshiana, Cascara Sagrada (75), extracted with an alkaline (lime) mixture of glycerin and water. The concentrated extract is mixed with fluidglycerate of glycyrrhiza (25), aromatized with oil of fennel, oil of clove, and oil of cinnamon.

Average dose: 1 mil or 15 minims.

Preparation: N. F.—Syrupus Ficorum Compositus.

FLUIDGLYCERATUM GLYCYRRHIZÆ, N. F. IV. New.
Fldglycer. Glycyrrh.

Fluidglycerate of Glycyrrhiza, Fluidglycerate of Licorice. Made with a mixture of glycerin and water made alkaline by ammonia water.

Average dose: 2 mils or 30 minims.

FLUIDGLYCERATUM KRAMERIÆ N. F. IV. New.
Fldglycer. Kramer.

Fluidglycerate of Krameria. Made with a mixture of glycerin and water.

Average dose: 1 mil or 15 minims.

FLUIDGLYCERATUM RHEI, N. F. IV. New. Fldglycer. Rhei.

Fluidglycerate of Rhubarb. Made with a mixture of glycerin and water.

Average dose: 1 mil or 15 minims.

FŒNICULUM, U. S. P. IX. Fœnic.

Fennel, Fennel Seed. Official in European pharmacopœias as Fructus Fœniculi (E). The dried, ripe fruits of cultivated varieties of *Fœniculum vulgare* Miller without admixture of more than 4 per cent of foreign matter. Yields not more than 9 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparations: U. S. P.—Infusum Sennæ Compositum.

N. F.—Pilulæ Antiperiodicæ, Pilulæ Antiperiodicæ sine Aloe, Species Laxativæ, Tinctura Antiperiodica, Tinctura Antiperiodica sine Aloe.

FRANGULA, U. S. P. IX. Frang.

Frangula, Buckthorn Bark. Official in European pharmacopœias as Cortex Frangulæ (E). The dried bark of *Rhamnus frangula* Linné. Qualitative test for emodin. Yields not more than 6 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparation: U. S. P.—Fluidextractum Frangulæ.

FRAXINUS, N. F. IV. Part II. Fraxin.

White Ash Bark. The dried bark of *Fraxinus americana* Linné and probably of other species of Fraxinus, deprived of the corky layer. Yields not more than 10 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparation: N. F.—Vinum Fraxini Americanæ.

FUCUS, N. F. IV. Part II. Fucus.

Fucus, Bladderwrack. The dried thallus of *Fucus vesiculosus* Linné. Yields not more than 20 per cent of ash.

Average dose: 0.65 or 10 grains.

Preparation: N. F.—Fluidextractum Fuci.

GALANGAL, N. F. IV. Part II. Galang.

Galangal: The dried rhizome of *Alpina officinarum* Hance. Yields not more than 10 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparation: N. F.—Tinctura Aromatica.

GALEGA, N. F. IV. Part II. Galeg.

Galega, European Goat's Rue. The dried flowering tops of *Galega officinalis* Linné. Yields not more than 12 per cent of ash.

Average dose: 4 gm. or 1 drachm.

Preparation: N. F.—Fluidextractum Galegæ.

GALLA, U. S. P. IX. Gall.

Nutgall, Aleppo Galls, Smyrna Galls. Official in European pharmacopœias as Gallæ (E). Excrescences on the young twigs of *Quercus infectoria* Olivier and other allied species of *Quercus*, induced by the punctures on the leaf-buds and by the deposited ova of Cynips tinctoria Hartig. Not more than 5 per cent of Galls float in water.

Average dose: 0.5 gm. or 8 grains.

Preparations: U. S. P.—Unguentum Gallæ.

N. F.—Elixir Rubi Compositum, Tinctura Gallæ.

GAMBIR, U. S. P. IX.

Gambir, Pale Catechu. A dried extract prepared from decoctions of the leaves and twigs of *Ourouparia Gambir* Baillon. Yields not more than 9 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparations: U. S. P.—Tinctura Gambir Composita.

N. F.—Pulvis Gambir Compositus, Trochisci Gambir.

GARGARISMA GUAIACI COMPOSITA, N. F. IV. New.

Garg. Guaiac. Co.

Compound Gargle of Guaiac. A mixture of ammoniated tincture of guaiac (10), compound tincture of cinchona (10), clarified honey (20), potassium chlorate (4), oil of peppermint (0.2), and water (to make 100).

GELATINUM, U. S. P. IX. Gelat.

Gelatin. Official in European pharmacopœias as Gelatina Alba (E). The purified product obtained from animal tissues, as skin, ligaments, and bones, by treatment with boiling water. Tests for impurities. Gelatin capsules contain not more than 0.15 per cent of sulphur dioxide.

Preparations: U. S. P.—Gelatinum Glycerinatum.

N. F.—Glycero-gelatina.

GELATINUM CHONDRI, N. F. IV. Gelat. Chondr.

Chondrus Gelatin, Irish Moss Gelatin. Chondrus extracted with water, the extract strained and evaporated so that the product is available in the form of scales.

GELATINUM GLYCERINATUM, U. S. P. IX. Gelat. Glycerin.

Glycerinated Gelatin. A mixture of gelatin (50) and glycerin (50).

GELSEMIUM, U. S. P. IX. Gelsem.

Gelsemium, Yellow Jasmine Root, Yellow Jessamine. Official in European pharmacopœias as Rhizoma Gelsemii (E). The dried rhizome and roots of *Gelsemium sempevirens* Aiton filius.

Average dose: 0.03 gm. or ½ grain.

Preparations: U. S. P.—Extractum Gelsemii, Fluidextractum Gelsemii, Tinctura Gelsemii.

GENTIANA, U. S. P. IX. Gent.

Gentian, Yellow Gentian Root. Official in European pharmacopœias as Radix Gentianæ (E). The dried rhizome and roots of *Gentiana lutea* Linné.

Average dose: 1 gm. or 15 grains.

Preparations: U. S. P.—Extractum Gentianæ, Fluidextractum Gentianæ, Tinctura Gentianæ Composita.

N. F.—Infusum Gentianæ Compositum, Tinctura Amara, Tinctura Antiperiodica, Tinctura Antiperiodica sine Aloe, Tincturea Rhei et Gentianæ, Tinctura Zedoariæ Amara.

GERANIUM, N. F. IV., Part II. From U. S. P. VIII. Geran.

Geranium, Cranesbill. The dried rhizomes of *Geranium maculatum* Linné. Yields not more than 8 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparation: N. F.—Fluidextractum Geranii.

GLANDULÆ SUPRARENALES SICCÆ, U. S. P. VIII. See Suprarenalum siccum, U. S. P. IX.

GLANDULÆ THYROIDEÆ SICCÆ, U. S. P. VIII. See Thyroideum Siccum, U. S. P. IX.

GLUCOSUM, U. S. P. IX. New. Glucos.

Glucose, Syrupy Glucose, Liquid Glucose. A syrupy product obtained by the incomplete hydrolysis of starch, consisting chiefly of dextrose (d-glucose), $C_6H_{12}O_6$ and dextrins.

Preparations: U. S. P. Extracta (as a diluent).

N. F.—Extractum Aconiti Foliorum, Extractum Cinchonæ.

GLYCERINUM, U. S. P. IX. Glycerin.

Glycerin, Glycerol. A liquid obtained by the hydrolysis of vegetable or animal fats or fixed oils, purified by distillation and containing not less than 95 per cent of the trihydric alcohol $C_3H_5(OH)_3$. Specific gravity not below 1.249 at 25°. Glycerin is colorless when viewed transversely in a tube of colorless glass not more than 30 mm. in diameter held in a vertical position. A modified residue test and tests for fatty acids and esters.

Average dose: 4 mils or 1 fluidrachm.

Preparations: U. S. P.—Gelatinum Glycerinatum, Suppositoria Glycerini. Used as a solvent in making glycerita and other preparations.

N. F.—Cataplasma Kaolini. Used in making: Fluidglycerata, glycerogelatina and other preparations.

GLYCERITUM ACIDI TANNICI, U. S. P. IX. Glycer. Acid. Tann.

Glycerite of Tannic Acid, Glycerite of Tannin. A solution of tannic acid (20) in glycerin (to make 100). Method of making modified.

Average dose: 2 mils or 30 minims.

GLYCERITUM AMYLI, U. S. P. IX. Glycer. Amyl.

Glycerite of Starch. Official in European pharmacopœias as Unguentum Glycerini (E). Made by heating starch (10), water (10), and glycerin (to make 100).

GLYCERITUM BISMUTHI, N. F. IV. Glycer. Bism.

Glycerite of Bismuth. Contains not less than 12.8 w/v per cent of bismuth oxide. Method of making and a method of assay.

Preparations: N. F.—Elixir Bismuthi, Elixir Cinchonæ Alkaloidorum, Ferri et Bismuthi, Elixir Pepsini et Bismuthi, Liquor Bismuthi.

GLYCERITUM BOROGLYCERINI, U. S. P. IX. Glycer. Boroglyc.

Glycerite of Boroglycerin. A solution of boric acid (31) in glycerin (to make 100).

Average dose:

Preparation: N. F.—Suppositoria Boroglycerini.

GLYCERITUM FERRI, QUININÆ ET STRYCHNINÆ PHOSPHATUM, U. S. P. VIII. Deleted.

GLYCERITUM GUAIACI, N. F. IV. Glycer. Guaiac.

Glycerite of Guaiac. Guaiac (8.5) saponified by a dilution of solution of potassium hydroxide (6.5) and preserved by the addition of glycerin (60) with water (to make 100).

Average dose: 2 mils or 30 minims.

GLYCERITUM HYDRASTIS, U. S. P. IX. Glycer. Hydrast.

Glycerite of Hydrastis, Glycerite of Golden Seal. Yields from 1.12 to 1.37 w/v per cent of the ether-soluble alkaloids of hydrastis. Hydrastis extracted with a mixture of alcohol and water and the resulting extract dissolved in a mixture of water and glycerin. Method of assay.

Average dose: 2 mils or 30 minims.

GLYCERITUM PEPSINI, N. F. IV. Glycer. Pepsin.

Glycerite of Pepsin. A solution of pepsin (8.5) in a mixture of hydrocholoric acid (1). glycerin (50) and distilled water (to make 100).

Average dose: 3 mils or 45 minims.

Preparations: N. F.—Elixir Cinchonæ Alkaloidorum Ferri et Pepsini, Elixir Pepsini, Liquor Pepsini, Succus Citri et Pepsinum, Vinum Pepsini.

GLYCERITUM PHENOLIS, U. S. P. IX. Glycer. Phenol.
Glycerite of Phenol. Glycerite of Carbolic Acid. A mixture of phenol (20) and glycerin (to make 100).
Average dose: 0.3 mil or 5 minims.

GLYCERITUM PICIS LIQUIDÆ, N. F. IV. Glycer. Pic. Liq.
Glycerite of Tar. Tar (6.3), washed with water, then triturated with alcohol (12.5), magnesium carbonate (12.5), glycerin (25), and water (62.5) followed by water (to make 100).
Average dose: 4 mils or 1 fluidrachm.

GLYCERITUM TRAGACANTHÆ, N. F. IV. Glycer. Trag.
Glycerite of Tragacanth. A mixture of tragacanth (12.5), glycerin (77.5), and water (to make 100).

GLYCERITUM VITELLI, N. F. IV. Glycer. Vitell.
Glycerite of Yolk of Egg, Glyconin. A mixture of fresh yolk of egg (45) and glycerin (to make 100).
Preparation: N. F.—Emulsum Olei Morrhuæ cum Vitello.

GLYCEROGELATINA, N. F. IV.
Glycerogelatina. Soft, masses, composed of a medicament with a mixture of glycerin, gelatin, and water melting at the body temperature.

GLYCEROGELATINUM ACIDI SALICYLICI, N. F. IV.
Glycerogelat. Acid. Salicyl.
Salicylic Acid Glycerogelatin. A mixture of glycerinated gelatin (20), salicylic acid (10), glycerin (35), and distilled water (to make 100).

GLYCEROGELATINUM IODOFORMI, N. F. IV. Glycerogelat. Iodof.
Iodoform Glycerogelatin. A mixture of glycerinated gelatin (10), iodoform (10), glycerin (15) and distilled water (to make 100).

GLYCEROGELATINUM ZINCI DURUM, N. F. IV.
Glycerogelat. Zinc. Dur.
Firm Zinc Glycerogelatin. A mixture of glycerinated gelatin (30), zinc oxide (10), glycerin (25), and distilled water (to make 100).

GLYCEROGELATINUM ZINCI MOLLE, N. F. IV.
Glycerogelat. Zinc. Mol.
Soft Zinc Glycerogelatin. A mixture of glycerinated gelatin (20), zinc oxide (10), glycerin (35), and distilled water (to make 100).

GLYCYRRHIZA, U. S. P. IX. Glycyrrh.
Glycyrrhiza, Liquorice, Licorice Root. Official in European pharmacopœias as Radix Liquiritiæ (E), Radix Glycyrrhizæ (S). The

dried rhizome and roots of *Glycyrrhiza glabra typica* Regel et Herder, known in commerce as Spanish licorice or of *Glycyrrhiza glabra glandulifera* Regel et Herder, known in commerce as Russian Licorice. Glycyrrhiza yields not more than 7 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparations: U. S. P.—Extractum Glycyrrhizæ Purum (which see), Fluidextractum Cascara Sagradæ Aromaticum (which see), Fluidextractum Glycyrrhizæ (which see), Pulvis Glycyrrhizæ Compositus, Tinctura Aloes.

N. F.—Decoctum Sarsaparillæ Compositum, Fluidglyceratum Glycyrrhizæ (which see), Pilulæ Laxativæ Compositæ, Species Pectorales Tinctura Aloes et Myrrhæ, Tinctura Rhei Dulcis.

GLYCYRRHIZINUM AMMONIATUM, U. S. P. IX. Glycyrrh. Ammon.

Ammoniated Glycyrrhizin. Occurs in dark brown or brownish red scales, without odor and having a very sweet taste. Leaves not more than 0.5 per cent of ash.

Average dose: 0.25 gm. or 4 grains.

GOSSYPII CORTEX, N. F. IV. Part II. From U. S. P. VIII. Gossyp. Cort.

Cotton Root Bark. The recently gathered or dried bark of the root of one or more cultivated varieties of *Gosspyium herbaceum* Linné, *Gossypium barbadense* Linné or *Gossypium arboreum* Linné, without admixture of more than 5 per cent of wood and other foreign matter. Yields not more than 7 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparation: N. F.—Fluidextractum Gossypii Corticis.

GOSSYPIUM STYPTICUM, N. F. IV. Gossyp. Stypt.

Styptic Cotton. Purified cotton (10), saturated with a mixture of solution of ferric chloride (8), glycerin (1.6), and water (22.5), expressed and dried.

GOSSYPIUM PURIFICATUM, U. S. P. IX. Gossyp. Purif.

Purified Cotton, Absorbent Cotton. The hairs of the seed from one or more of the cultivated varieties of *Gossypium herbaceum* Linné, freed from adhering impurities and linters and deprived of fatty matter. Leaves not more than 0.2 per cent of ash.

Preparation: N. F.—Gossypium Stypticum.

GRANATUM, U. S. P. IX. Granat.

Pomegranate, Pomegranate Bark. Official in European pharmacopœias as Cortex Granati (E). The dried bark of the stems and roots of *Punica Granatum* Linné, without the presence or admixture of more than 2 per cent of wood and other foreign matter. Yields not more than 16 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparation: U. S. P.—Fluidextractum Granati.

GRINDELIA, U. S. P. IX. Grindel.

Grindelia. The dried leaves and flowering tops of *Grindelia camporum* Greene, *Grindelia cuneifolia* Nuttall, or *Grindelia squarrosa* Dunal without more than 10 per cent of stems and other foreign matter.

Average dose: 2 gm. or 30 grains.

Preparation: U. S. P.—Fluidextractum Grindeliæ.

GUAIACI LIGNUM, N. F. IV. Part II. Guaiac. Lig.

Guaiac wood. Lignum Vitæ. The heart-wood of *Guaiacum officinale* Linné or of *Guaiacum sanctum* Linné. Yields not more than 3 per cent of ash.

Average dose: 4 gm. or 1 drachm.

Preparation: N. F.—Decoctum Sarsaparillæ Compositum.

GUAIACOL, U. S. P. IX. Guaiacol.

Guaiacol. Official in European pharmacopœias as Guajacolum (E). The monomethyl ether ($C_7H_8O_2$) of orthodihydroxy-benzene, obtained from wood-tar creosote or prepared synthetically. Specific gravity from 1.112 to 1.114 at 25°. Solid guaiacol melts at about 28°. Not less than 85 per cent distils between 200° and 210°. Tests for identity and purity.

Average dose: 0.5 mil or 8 minims.

Preparation: N. F.—Petroxolinum Guaiacolis.

GUAIACOLIS CARBONAS, U. S. P. IX. Guaiacol. Carb.

Guaiacol Carbonate. Official in European pharmacopœias as Guajacolum Carbonicum (E). A. guaiacol derivative $(C_7H_7O)_2CO_3$. Occurs as a crystalline powder. Melts between 83° and 87° and yields not more than 0.1 per cent of ash.

Average dose: 1 gm. or 15 grains.

GUAIACUM, U. S. P. IX. Guaiac.

Guaiac, Guaiac Resin (Gum Resin). Official in European pharmacopœias as Resina Guajaci (E). The resin of the wood of *Guaiacum officinale* Linné or of *Guaiacum sanctum* Linné. Melts between 85° and 90° and yields not more than 4 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparations: U. S. P.—Tinctura Guaiaci, Tinctura Guaiaci Ammoniata.

N. F.—Glyceritum Guaiaci, Pilulæ Antimonii Compositæ, Tinctura Guaiaci Composita.

GUARANA, U. S. P. IX. Guaran.

Guarana. A dried paste consisting chiefly of the crushed seeds of *Paullinia Cupana* Kunth. Yielding not less than 4 per cent of caffeine. Method of assay.

Average dose: 2 gm. or 30 grains.

Preparation: U. S. P.—Fluidextractum Guaranæ (which see).

GUTTA PERCHA, N. F. IV. Part II. Gutt. Percha.

Gutta Percha. The purified, coagulated, milky exudate of various trees, principally of the genus *Palaquium*. Yields not more than 5 per cent of ash.

Preparation: N. F.—Liquor Gutta-Perchæ.

HÆMATOXYLON, N. F. IV. Part II. From U. S. P. VIII. Hæmatox.

Hematoxylon, Logwood. The heart-wood of *Hæmatoxylon campechianum* Linné. When the surface has a greenish, metallic luster, reject the wood, as it has undergone fermentation. Yields not more than 3.5 per cent of ash.

Preparation: N. F.—Extractum Hæmatoxyli.

HAMAMELIDIS CORTEX, U. S. P. VIII. Deleted.

HAMAMELIDIS FOLIA, N. F. IV. Part II. From U. S. P. VIII.
Hamamel. Fol.

Hamamelis Leaves, Witch Hazel Leaves. The dried leaves of *Hamamelis virginiana* Linné collected in autumn before the flowering of the plants and without admixture of more than 10 per cent of stems and other foreign matter. Yields not more than 6 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparation: N. F.—Fluidextractum Hamamelidis Foliorum.

HEDEOMA, U. S. P. VIII. Deleted.

HELIANTHEMUM, N. F. IV. Part II. Helianth.

Helianthemum, Rock-Rose or Frost-Weed. The dried herb of *Helianthemum Canadense* Michaux.

Average dose: 4 gm. or 1 drachm.

Preparation: N. F.—Fluidextractum Helianthemi.

HELONIAS, N. F. IV. Part II. Helon.

Helonias, False Unicorn. The dried rhizome and roots of *Chamælirium luteum* A. Gray. Yields not more than 5 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparation: N. F.—Fluidextractum Helionatis.

HEXAMETHYLENAMINA, U. S. P. IX. Hexam.

Hexamethylenamine, Hexamethylene-tetramine. Also sold under the following trade names: Urotropin, Aminoform, Ammonioformaldehyde, Formalol, Ammonaldehyde, Cystamin, Cystogen, Formin, Formamine, Metramine, Urisol, Uritone, Xametrin. Official in the British Pharmacopœia as Hexamina, Hexamine, and in European pharmacopœias generally as Hexamethylentetraminum. A condensation product of ammonia and formaldehyde, hexamethylene-tetramine, $(CH_2)_6N_4$. Sublimes at about 263°. Leaves not more than 0.5 per cent of ash. Tests for identity and purity.

Average dose: 0.25 gm. or 4 grains.

HOMATROPINÆ HYDROBROMIDUM, U. S. P. IX.
Homatrop. Hydrobr.

Homatropine Hydrobromide, Homatropine Bromide. Official in European pharmacopœias as Homatropinum Hydrobromicum (E). The hydrobromide ($C_{16}H_{21}NO_3.HBr$) of homatropine, an alkaloid obtained by the condensation of tropine and madelic acid.

Melts at about 212° with partial decomposition. Tests for identity and purity.

Average dose: 0.0005 gm. or $\frac{1}{120}$ grain.

HUMULUS, U. S. P. IX. Humul.

Hops. The carefully dried strobiles of *Humulus Lupulus* Linné bearing glandular trichomes and without the presence or admixture of more than 2 per cent of stems, leaves, and other foreign matter. Ash not exceeding 8 per cent.

Average dose: 2 gm. or 30 grains.

Preparations: N. F.—Fluidextractum Humuli, Tinctura Humuli.

HYDRANGEA, N. F. IV. Part II. Hydrang.

Hydrangea, Seven-Barks. The dried rhizomes and roots of *Hydrangea arboresens* Linné. Yields not more than 3 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparation: N. F.—Fluidextractum Hydrangeæ.

HYDRARGYRI CHLORIDUM CORROSIVUM, U. S. P. IX.
Hydrarg. Chlor. Corr.

Corrosive Mercuric Chloride, Bichloride of Mercury, Corrosive Sublimate, Mercuric Chloride, Perchloride of Mercury. Official in European pharmacopœias as Hydrargyrum Bichloratum (E), Chloratum Hydrargyricum Corrosivum (S). Contains when dried not less than 99.5 per cent of $HgCl_2$. Leaves not more than 0.5 per cent of residue on dissolving in ether or alcohol. Method of assay with an alternative electrolytic method.

Average dose: 0.003 gm. or $\frac{1}{20}$ grain.

Preparations: U. S. P.—Toxitabellæ Hydrargyri Chloridi Corrosivi. N. F.—Mulla Hydrargyri chloridi corrosivi. Used in making Lotio Flava.

HYDRARGYRI CHLORIDUM MITE, U. S. P. IX. Hydrarg. Chlor. Mit.

Mild Mercurous Chloride, Mercurous Chloride, Calomel, Porotchloride of Mercury, Subchloride of Mercury. Official in European pharmacopœias as Hydrargyrum Chloratum (E), Calomel (S). Contains when dried not less than 99.6 per cent of HgCl. On heating it is volatilized without fusion or the evolution of brown vapors. Leaves not more than 0.1 per cent of residue. Method of assay, and an alternative electrolytic method.

Average dose: Laxative 0.15 gm. or 2½ grains; alterative 0.015 gm. or ¼ grain.

Preparations: U. S. P.—Pilulæ Catharticæ Compositæ.

N. F.—Pilulæ Antimonii Compositæ, Pulvis Hydrargyri Chloridi Mitis et Jalapæ, Trochisci Santonini Compositi. Used in making Lotio Nigra.

HYDRARGYRI IODIDUM FLAVUM, U. S. P. IX. Hydrarg. Iod. Flav.

Yellow Mercurous Iodide, Mercurous Iodide, Protoiodide of Mercury. Official in European pharmacopœias as Hydrargyrum Iodatum Flavum (E). Contains when dried not less than 99 per cent of HgI. Tests for identity and purity and a method of assay with an alternative electrolytic method.

Average dose: 0.01 gm. or ⅙ grain.

HYDRARGYRI IODIDUM RUBRUM, U. S. P. IX. Hydrarg. Iod. Rub.

Red Mercuric Iodide, Biniodide of Mercury, Mercuric Iodide, Red Iodide of Mercury. Official in European pharmacopœias as Hydrargyrum Bijodatum (E). Contains when dried not less than 99 per cent of HgI_2. Tests for identity and purity and a method of assay with an alternative electrolytic method.

Average dose: 0.003 gm. or $\frac{1}{20}$ grain.

Preparations: U. S. P.—Liquor Arseni et Hydrargyri Iodidi.

N. F.—Liquor Hydrargyri et Potassii Iodidi.

HYDRARGYRI OXIDUM FLAVUM, U. S. P. IX. Hydrarg. Oxid. Flav.

Yellow Mercuric Oxide. Official in European pharmacopœias as Hydrargyrum Oxydatum Flavum (E), Oxydum Hydrargyricum Flavum (S). Contains when dried not less than 99.5 per cent of HgO. Tests for identity and purity and a method of assay with an alternative electrolytic method.

Preparations: U. S. P.—Unguentum Hydrargyri Oxidi Flavi. Used in making Oleatum Hydrargyri.

HYDRARGYRI OXIDUM RUBRUM, U. S. P. IX. Hydrarg. Oxid. Rub.

Red Mercuric Oxide, Red Precipitate. Official in European pharmacopœias as Hydrargyrum Oxydatum Rubrum (E), Oxydum Hydrargyricum (S). Contains when dried not less than 99.5 per cent of HgO. Tests for identity and purity and a method of assay with an alternative electrolytic method.

Preparations: N. F.—Unguentum Hydrargyri Oxidi Rubri. Used in making Liquor Hydrargyri Nitratis.

HYDRARGYRI SALICYLAS, U. S. P. IX. New. Hydrarg. Salicyl.

Mercuric Salicylate, Mercuric subsalicylate. Contains from 54 to 59.5 per cent of Hg. Tests for identity and purity and a method of assay with an alternative electrolytic method.

Average dose: 0.004 gm. or $\frac{1}{15}$ grain.

HYDRARGYRI SUBSULPHAS FLAVUS, N. F. III. Deleted.

HYDRARGYRUM, U. S. P. IX. Hydrarg.

Mercury, Quicksilver. Contains not less than 99.5 per cent of Hg. Tests for identity and purity and a method of assay with an alternative electrolytic method.

Preparations: U. S. P.—Hydrargyrum cum Creta, Massa Hydrargyri, Unguentum Hydrargyri (which see). Used in making: Unguentum Hydrargyri Nitratis.

N. F.—Petroxolinum Hydrargyri.

HYDRARGYRUM AMMONIATUM, U. S. P. IX. Hydrarg. Ammon.

Ammoniated Mercury, White Precipitate. Official in European pharmacopœias as Hydrargyrum Præcipitatum Album (E), Chloretum Amido-hydrargyricum (S). Contains not less than 78 per cent nor more than 80 per cent of Hg. Tests for identity and purity and a method of assay with an alternative electrolytic method.

Preparation: U. S. P.—Unguentum Hydrargyri Ammoniati.

HYDRARGYRUM CUM CRETA, U. S. P. IX. Hydrarg. c. Cret.

Mercury with Chalk, Gray Powder. Contains from 37 to 39 per cent of Hg. Formula for making. Tests for identity and purity and a method of assay with an alternative electrolytic method.

Average dose: 0.25 gm. or 4 grains.

HYDRASTINA, U. S. P. IX. Hydrastin.

Hydrastine. An alkaloid ($C_{21}H_{21}NO_6$) obtained from hydrastis or prepared synthetically. Melts at about 131° and leaves no weighable ash. Tests for identity and purity.

Average dose: 0.01 gm. or $\frac{1}{6}$ grain.

HYDRASTINÆ HYDROCHLORIDUM, U. S. P. IX. New.
Hydrastin. Hydrochl.

Hydrastine Hydrochloride, Hydrastine Chloride. The hydrochloride ($C_{21}H_{21}NO_6.HCl$) of the alkaloid hydrastine. Tests for identity and purity.

Average dose: 0.01 gm. or $\frac{1}{6}$ grain.

Preparation: N. F.—Liquor Hydrastinæ Compositus.

HYDRASTININÆ HYDROCHLORIDUM, U. S. P. IX.
Hydrastinin. Hydrochl.

Hydrastinine Hydrochloride, Hydrastinine Chloride. Official in European pharmacopœias as Hydrastininum Hydrochloridum (E), Chloretum Hydrastinicum (S). The hydrochloride ($C_{11}H_{11}NO_2.HCl$) of hydrastinine, an alkaloid obtained by the oxidation of hydrastine. Melts at about 210° with partial decomposition. Tests for identity and purity.

Average dose: 0.03 gm. or $\frac{1}{2}$ grain.

HYDRASTIS, U. S. P. IX. Hydrast.

Hydrastis, Golden Seal. Official in European pharmacopœias as Rhizoma Hydrastis (E). The dried rhizome and roots of *Hydrastis canadensis* Linné without admixture of more than 2 per cent of the stems, leaves, and other foreign matter and yielding not less than 2.5 per cent of the ether-soluble alkaloids of hydrastis. Method of assay.

Average dose: 2 gm. or 30 grains.

Preparations: U. S. P.—Extractum Hydrastis, Fluidextractum Hydrastis (which see), Glyceritum Hydrastis, Tinctura Hydrastis.

HYOSCINÆ HYDROBROMIDUM, U. S. P. VIII. See Scopolaminæ Hydrobromidum, U. S. P. IX.

HYOSCYAMINÆ HYDROBROMIDUM, U. S. P. IX.

Hyoscyamin. Hydrobr.

Hyoscyamine Hydrobromide, Hyoscyamine Bromide. The hydrobromide ($C_{17}H_{23}NO_3.HBr$) of hyoscyamine, an alkaloid obtained from hyoscyamus and other plants of the *Solanaceæ*. Melts at about 152° and leaves no weighable amount of ash.

Average dose: 0.0003 gm. or $\frac{1}{200}$ grain.

HYOSCYAMINÆ SULPHAS, U. S. P. IX. Deleted.

HYOSCYAMUS, U. S. P. IX. Hyosc.

Hyoscyamus, Henbane. Included in the International Protocol as Folium Hyoscyami (P. I.). The dried leaves and flowering or fruiting tops of *Hyoscyamus niger* Linné, yielding not less than 0.065 per cent of the alkaloids of Hyoscyamus. Leaves not more than 30 per cent of ash. Method of assay.

Average dose: 0.25 gm. or 4 grains.

Preparations: U. S. P.—Extractum Hyoscyami, Fluid extractum Hyoscyami, Tinctura Hyoscyami.

N. F.—Oleum Hyoscyami Compositum.

HYPOPHYSIS SICCA, U. S. P. IX. New Hypophysis Sic.

Desiccated Hypophysis, Desiccated Pituitary Body. The posterior lobe obtained from the pituitary body of cattle, cleaned, dried, and powdered.

Average dose: 0.03 gm. or $\frac{1}{2}$ grain.

Preparation: U. S. P.—Liquor Hypophysis (from fresh gland).

IGNATIA, N. F. IV. Part II. Ignat.

Ignatia, Saint Ignatius Bean, Ignatia Amara. The dried seeds of *Strychnos ignatii* Bergius yielding not less than 2 per cent of the alkaloids of Ignatia. Method of assay.

Average dose: 0.06 gm. or 1 grain.

Preparations: N. F.—Extractum Ignatiæ, Tinctura Ignatiæ.

INFUSA, U. S. P. IX.
Infusions. A general formula. Infusions must be freshly made from the drugs.

INFUSUM BRAYERÆ, N. F. IV. Inf. Brayer.
Infusion of Brayera. An infusion of brayera (6) with boiling water (100). Dispensed without straining.
Average dose: 250 mils or 8 fluidounces.

INFUSUM CINCHONÆ, N. F. IV. Inf. Cinchon.
Infusion of Cinchona. An infusion of cinchona (6) with a mixture of aromatic sulphuric acid (1) and water (to make 100).
Average dose: 50 mils or 12 fluidrachms.

INFUSUM DIGITALIS, U. S. P. IX. Inf. Digit.
Infusion of Digitalis, Digitalis (1.5) extracted with water (85) and flavored with cinnamon water (to make 100). Without the addition of a preservative. Must be freshly prepared from the leaves.
Average dose: 4 mils or 1 fluidrachm.

INFUSUM GENTIANÆ COMPOSITUM, N. F. IV. New.
Inf. Gent. Co.
Compound Infusion of Gentian. A mixture of gentian (3), coriander (0.8), and bitter orange peel (0.8), extracted with diluted alcohol (to make 25), and the percolate diluted with water (to make 100).
Average dose: 15 mils or 4 fluidrachms.

INFUSUM GENTIANÆ COMPOSITUM FORTIUS, N. F. III. Deleted.
See Infusum Gentianæ Compositum, N. F. IV.

INFUSUM PRUNI VIRGINIANÆ, N. F. IV. From U. S. P. VIII. Inf. Prun. Virg.
Infusion of Wild Cherry. A cold-water extract of wild cherry (4 w/v per cent) partially preserved with glycerin (5 v per cent).
Average dose: 60 mils or 2 fluidounces.

INFUSUM ROSÆ COMPOSITUM, N. F. IV. Inf. Ros. Co.
Compound Infusion of Rose. Represents red rose (1.3), diluted sulphuric acid (0.9), sugar (4) and water (to make 100).
Average dose: 100 mils or 3 fluidounces.

INFUSUM SENNÆ COMPOSITUM, U. S. P. IX. Inf. Senn. Co.
Compound Infusion of Senna, Black Draught. An infusion of a mixture of senna (6), manna (12), magnesium sulphate (12), fennel (2), and water (to make 100). Must be recently prepared.
Average dose: 120 mils or 4 fluidounces.

INULA, N. F. IV. Part II. Inula.
Inula, Elecampane. The dried rhizome and roots of *Inula helenium* Linné without admixture of more than 5 per cent of its stem bases.

Average dose: 2 gm. or 30 grains.

Preparations: N. F.—Pilulæ Antiperiodicæ, Pilulæ Antiperiodicæ sine Aloe, Tinctura Antiperiodica, Tinctura Antiperiodica sine Aloe.

INUNCTUM MENTHOLIS, N. F. IV. New. Inunct. Menthol.

Menthol Inunction. A mixture of menthol (5) and wool fat (to make 100).

INUNCTUM MENTHOLIS COMPOSITUM, N. F. IV. New. Inunct. Menthol Co.

Compound Menthol Inunction. A mixture of menthol (5), methyl salicylate (10), and hydrous wool fat (to make 100).

IODOFORMUM, U. S. P. IX. Iodof.

Iodoform. Official in European pharmacopœias as Jodoformium (E). Triiodomethane, CHI_3. Usually obtained by the action of iodine upon alcohol or acetone, in the presence of an alkali or alkali carbonate. Tests for identity and purity.

Average dose: 0.25 gm. or 4 grains.

Preparations: U. S. P.—Unguentum Iodoformi.

N. F.—Collodium Iodoformi, Glycerogelatinum Iodoformi, Iodoformum Aromatisatum, Petroxolinum Iodoformi.

IODOFORMUM AROMATISATUM, N. F. IV. Iodof. Arom.

Aromatized Iodoform. A mixture of coumarin (4) and iodoform (to make 100).

IODOLUM, U. S. P. VIII. Deleted.

IODUM, U. S. P. IX.

Iodine. Official in European pharmacopœias as Jodum (E). Contains not less than 99.5 per cent of I. Tests for identity and purity and a method of assay.

Average dose: 0.005 gm. or $\frac{1}{12}$ grain.

Preparations: U. S. P.—Liquor Iodi Compositus, Tinctura Iodi, Unguentum Iodi. Used in making Pilulæ Ferri Iodidi, Syrupus Ferri Iodidi.

N. F.—Collodium Iodi, Petroxolinum Iodi, Petroxolinum Iodi Dilutum, Tinctura Iodi Fortior. Used in making Linimentum Ammonii Iodidi, Phenol Iodatum, Sulphuris Iodidum, Syrupus Calcii Iodidi, Syrupus Ferri et Mangani Iodidi, Syrupus Iodotannicus, Tinctura Iodi Decolorata.

IPECACUANHA, U. S. P. IX. Ipecac.

Ipecac; included in the International Protocol as Ipecacuanhæ Radix (P. I.). Official in European pharmacopœias as Radix Ipecacuanhæ (E). The dried root of *Cephaelis Ipecacuanha* A. Richard, known in commerce as Rio Ipecac or of *Cephaelis acuminata*

Karsten, known in commerce as Cartagena Ipecac, without admixture of more than 10 per cent of stems and yielding not less than 1.75 per cent of the ether-soluble alkaloids of ipecac. Rio Ipecac and Cartagena Ipecac described separately. Method of assay. Ipecac yields from 1.8 to 4.5 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparations: U. S. P.—Fluidextractum Ipecacuanhæ (which see). Pulvis Ipecacuanhæ et Opii.

N. F.—Pilulæ ad Prandium, Chapman's, Pilulæ Antidyspepticæ, Pilulæ Laxativæ Compositæ, Pilulæ Laxativæ Post Partum.

IRIS, N. F. IV. Part II. Iris.

Orris, Orris Root. The dried rhizomes of *Iris florentina* Linné, *Iris germanica* Linné, or *Iris pallida* Lamarck, freed from the roots, peeled and dried. Yields from 2 to 5 per cent of ash.

Preparations: N. F.—Fluidextractum Stillingiæ Compositum, Species Pectorales.

IRIS VERSICOLOR, N. F. IV. Part II. Iris Vers.

Blue Flag. The dried rhizome and roots of *Iris versicolor* Linné without admixture of more than 5 per cent of the roots and of leaf bases. Yields not more than 5 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparations: N. F.—Fluidextractum Iridis Versicoloris.

JALAPA, U. S. P. IX. Jalap.

Jalap. Official in European pharmacopœias as Tubera Jalapæ (E). The dried tuberous root of *Exogonium Purga* Bentham, yielding not less than 7 per cent of the total resins of Jalap, and not more than 6.5 per cent of ash. Method of assay.

Average dose: 1 gm. or 15 grains.

Preparations: U. S. P.—Pulvis Jalapæ Compositus, Resina Jalapæ (which see).

N. F.—Extractum Jalapæ, Fluidextractum Jalapæ; Pilulæ ad Prandium, Pulvis Hydrargyri Chloridi Mitis et Jalapæ, Syrupus Sennæ Aromaticus, Tinctura Jalapæ, Tinctura Jalapæ Composita.

JUGLANS, N. F. IV. Part II. Juglan.

Juglans, Butternut Bark, White Walnut Bark. The dried inner bark of the roots of *Juglans cinerea* Linné collected in the autumn. Yields not more than 8 per cent of ash.

Average dose: 4 gm. or 1 drachm.

Preparation: N. F.—Fluidextractum Juglandis.

JUNIPERUS, N. F. IV. Part II. Junip.

Juniper Berries. The carefully dried ripe fruit of *Juniperus communis* Linné. Yields not more than 5 per cent of ash.

Average dose: 4 gm. or 1 drachm.

Preparations: N. F.—Fluidextractum Buchu Compositum (which see), Fluidextractum Juniperi.

KAOLINUM, N. F. IV. Part II. From U. S. P. VIII. Kaolin.

Kaolin. A native hydrated aluminum silicate, powdered and freed from gritty particles by elutriation. Tests for identity and purity.

Preparation: N. F.—Cataplasma Kaolini.

KAVA, N. F. IV. Part II. Kava.

Kava, Methysticum, Kava Kava. The rhizome and roots of *Piper methysticum* Forster. Yields not more than 8 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparation: N. F.—Fluidextractum Kavæ.

KINO, U. S. P. IX. Kino.

Kino, Malabar Kino, East India Kino. The spontaneously dried juice of *Pterocarpus Marsupium* Roxburgh. Yields not less than 45 per cent of alcoholic extractive and not more than 3 per cent of ash and contains not more than 12 per cent of moisture.

Average dose: 0.5 gm. or 8 grains.

Preparations: U. S. P.—Tinctura Kino.

N. F.—Pulvis Gambir Compositus, Pulvis Kino et Opii Compositus.

KOLA, N. F. IV. Part II. Kola.

Kola, Cola. The dried cotyledons of several species of *Cola* yielding not less than 1.5 per cent of caffeine and not more than 3 per cent of ash. Method of assay.

Average dose: 4 gm. or 1 drachm.

Preparation: N. F.—Fluidextractum Kolæ.

KRAMERIA, N. F. IV. Part II. From U. S. P. VIII. Kramer.

Krameria, Rhatany. Official in European pharmacopœias as Radix Ratanhiæ (E). The dried root of *Krameria triandra* Ruiz et Pavon, known in commerce as Peruvian Rhatany, or of *Krameria ixina* Linné, known in commerce as Savanilla Rhatany, or *Krameria argentea* Martius, known in commerce as Para or Brazilian Rhatany. without admixture of more than 5 per cent of stems and foreign matter. Yields not more than 5 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparations: N. F.—Extractum Krameriæ, Fluidextractum Krameriæ, Fluidglyceratum Krameriæ, Pulvis Gambir Compositus, Tinctura Krameriæ.

LAC FERMENTATUM, N. F. IV. Lac. Ferment.

Fermented milk, Kumyss. A mixture of cow's milk (100), and sugar (3.5) fermented by yeast.

LAC HUMANISATUM, N. F. III. Deleted.

LACTUCARIUM, U. S. P. IX. Lactucar.

Lactucarium. The dried milk-juice of *Lactuca virosa* Linné. Contains not more than 15 per cent of moisture and yields not more than 10 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparation: U. S. P.—Tinctura Lactucarii (which see).

LAC VACCINUM, N. F. IV. Part II.

Cow's Milk. The fresh milk of the domestic cow, *Bos taurus* Linné without modifications and complying with the legal standards.

Preparation: N. F.—Lac Fermentatum.

LAPPA, N. F. IV. Part II. From U. S. P. VIII.

Lappa, Burdock Root. The dried root of *Arctium Lappa* Linné, or of other species of *Arctium*, collected from plants of the first year's growth. Yields not more than 6 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparation: N. F.—Fluidextractum Lappæ.

LEPTANDRA, N. F. IV. Part II. From U. S. P. VIII. Leptand.

Leptandra, Culver's Root. The dried rhizome and roots of *Veronica virginica* Linné, without the presence or admixture of more than 5 per cent of stems and foreign matter. Yields not more than 12 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparations: N. F.—Extractum Leptandræ, Fluidextractum Leptandræ.

LIMONIS CORTEX, U. S. P. IX. Limon. Cort.

Lemon Peel. The outer rind of the fresh ripe fruit of *Citrus medica Limonum* Hooker filius.

Preparation: U. S. P.—Tinctura Limonis Corticis (which see).

LIMONIS SUCCUS, U. S. P. VIII. See Succus Citri, N. F. IV.

LINIMENTUM ACONITI ET CHLOROFORMI, N. F. IV.
Lin. Aconit. et Chlorof.

Liniment of Aconite and Chloroform. A mixture of fluidextract of aconite (4.5), alcohol (8), chloroform (12.5), and soap liniment (to make 100).

LINIMENTUM AMMONIÆ, U. S. P. IX. Lin. Ammon.

Ammonia Liniment, Volatile Liniment, Hartshorn Liniment. Official in European pharmacopœias as Linimentum Ammoniatum (E). A mixture of ammonia water (25) and sesame oil (to make 100).

LINIMENTUM AMMONII IODIDI, N. F. IV. Lin. Ammon. Iod.

Liniment of Ammonium Iodide. A mixture of iodine (0.4), oil of rosemary (1.5), oil of lavender (1.5), camphor (3.2), ammonia water (11), and alcohol (to make 100).

LINIMENTUM BELLADONNÆ, U. S. P. IX. Lin. Bellad.
Belladonna Liniment. A solution of camphor (5) in fluidextract of belladonna root (to make 100).

LINIMENTUM CALCIS, U. S. P. IX. Lin. Calc.
Lime Liniment, Carron Oil. A mixture of lime water (50) and linseed oil (to make 100).

LINIMENTUM CAMPHORÆ, U. S. P. IX. Lin. Camph.
Camphor Liniment, Camphorated Oil. Official in European pharmacopœias as Oleum Camphoratum (E). Yields from 19.5 to 20.5 w/v per cent of camphor. A solution of camphor (20) in cotton seed oil (to make 100). Method of assay.

LINIMENTUM CANTHARIDIS, N. F. III. Deleted.

LINIMENTUM CHLOROFORMI, U. S. P. IX. Lin. Chlorof.
Chloroform Liniment. A solution of chloroform (30) in soap liniment (to make 100).

LINIMENTUM IODI, N. F. III. Deleted.

LINIMENTUM OPII COMPOSITUM, N. F. IV. Lin. Opii Co.
Compound Liniment of Opium, Canada Liniment. Now a mixture of tincture of opium (10), camphor (1.75), oil of peppermint (2.5), alcohol (25), fresh egg albumen (5), ammonia water (35), and oil of turpentine (to make 100).

LINIMENTUM PLUMBI SUBACETATIS, N. F. III. Deleted.

LINIMENTUM SAPONATO-CAMPHORATUM, N. F. IV.
Lin. Sapon.-Camph.
Camphorated Soap Liniment, Opodeldoc, Solid Opodeldoc. Now a solution of stearic acid soap (6), in water (10), mixed with camphor (2.5), oil of thyme (0.3), oil of rosemary (0.6), ammonia water (5), and alcohol (to make 100).

LINIMENTUM SAPONIS, U. S. P. IX. Lin. Sapon.
Soap Liniment, Liquid Opodeldoc. Official in European pharmacopœias as Linimentum Saponato-Camphoratum Liquidum (E), Spiritus Saponis Camphoratus (S). A solution of soap (6), camphor (4.5), oil of rosemary (1) in a mixture of alcohol (70) and water (to make 100).

Preparations: U. S. P.—Linimentum Chloroformi.
N. F.—Linimentum Aconiti et Chloroformi.

LINIMENTUM SAPONIS MOLLIS, U. S. P. IX. Lin. Sapon. Moll.
Liniment of Soft Soap, Tincture of Green Soap. Official in European pharmacopœias as Spiritus Saponatus (E). A solution of soft soap (65), oil of lavender (2) in alcohol (to make 100).

Linimentum Saponis Mollis Compositum, N. F. IV.
Lin. Sapon. Moll. Co.

Compound Liniment of Soft Soap, Tinctura Saponis Viridis Composita, N. F. III. A solution of soft soap (15), oil of cade (2) in alcohol (to make 100).

Linimentum Sinapis Compositum, N. F. IV. Lin. Sinap. Co.

Compound Liniment of Mustard. A mixture of volatile oil of mustard (3), fluidextract of mezereum (20), camphor (6), castor oil (15), and alcohol (to make 100).

Linimentum Terebinthinæ, U. S. P. IX. Lin. Terebinth.

Turpentine Liniment, Kentish's Ointment, Kentish's Liniment. A solution of rosin cerate (65) in oil of turpentine (to make 100).

Linimentum Terebinthinæ Aceticum, N. F. IV.
Lin. Terebinth. Acet.

Acetic Turpentine Liniment, Linimentum Album, Stoke's Liniment, St. John Long's Liniment. Now a mixture of oil of turpentine (40), oil of lemon (1.6), acetic acid (8), fresh egg (1), yolk of egg (1), and rose water (to make 100).

Linimentum Tiglii, N. F. IV. Lin. Tiglii.

Liniment of Croton Oil, Linimentum Crotonis. A mixture of croton oil (13), oil of cajuput (43), and alcohol (to make 100).

Linimentum Tiglii Compositum, N. F. IV. Lin. Tiglii Co.

Compound Croton Oil Liniment. A mixture of croton oil (20), oil of sassafras (20), oil of turpentine (20), and olive oil (to make 100).

Linum, U. S. P. IX.

Linseed, Flaxseed. Official in European pharmacopœias as Semen Lini (E). The ripe seeds of *Linum usitatissimum* Linné without admixture of more than 3 per cent of other fruits and seeds or foreign matter. Yields not more than 6 per cent of ash.

Preparation: N. F.—Species Emollientes.

Liquor Acidi Arsenosi, U. S. P. IX. Liq. Acid. Arsen.

Solution of Arsenous Acid, Hydrochloric solution of Arsenic, Solution of Arsenic Chloride. Contains arsenous acid equivalent to from 0.975 to 1.025 per cent of As_2O_3. Made by dissolving arsenic trioxide in a mixture of diluted hydrochloric acid and distilled water (to make 100).

Average dose: 0.2 mil or 3 minims.

Liquor Alumini Acetatis, N. F. III. See Liquor Alumini Subacetatis, N. F. IV.

Liquor Alumini Acetatis, N. F. IV. New. Liq. Alumin. Acet.

Solution of Aluminum Acetate, Liquor Burowii, Burow's Solution. Contains from 4.5 to 5.5 w/v per cent of neutral aluminum acetate, $Al(C_2H_3O_2)_3$. Directions for making and a method of assay.

LIQUOR ALUMINI ACETICO-TARTRATIS, N. F. IV.
Liq. Alumin. Acet.-Tart.

Solution of Aluminum Acetico-Tartrate. Alum precipitated by monohydrated sodium carbonate, the precipitate subsequently dissolved by a mixture of glacial acetic acid and tartaric acid. (Contains about 50 per cent of so-called aluminum acetico-tartrate.)

LIQUOR ALUMINI SUBACETATIS, N. F. IV. Liq. Alumin. Subacet.

Solution of Aluminum Subacetate, Liquor Alumini Acetatis, N. F. III. An aqueous solution containing from 7.5 to 8 per cent of basic aluminum acetate, $Al(C_2H_3O_2)_2OH$. Directions for making and a method of assay.

LIQUOR AMMONII ACETATIS, U. S. P. IX. Liq. Ammon. Acet.

Solution of Ammonium Acetate, Spirit of Mindererus; a similar preparation is official in European pharmacopœias as Ammonium Aceticum Solutum (E), Solutio Acetatis Ammonici (S). Contains not less than 7 per cent of $NH_4C_2H_3O_2$, with small amounts of acetic and carbonic acids. Made by dissolving ammonium carbonate in diluted acetic acid.

Average dose: 15 mils or 4 fluidrachms.

Preparation: U. S. P.—Liquor Ferri et Ammonii Acetatis.

LIQUOR AMMONII ACETATIS CONCENTRATUS, N. F. III. Deleted.

LIQUOR AMMONII CITRATIS, N. F. IV. New. Liq. Ammon. Cit.

Solution of Ammonium Citrate. Citric acid (12.5) neutralized by ammonia water with distilled water to (make 100).

Average dose: 4 mils or 1 fluidrachm.

LIQUOR AMMONII CITRATIS FORTIOR, N. F. III. Deleted.

LIQUOR ANTIGERMINARUS, N. F. III. Deleted.

LIQUOR ANTISEPTICUS, N. F. IV. From U. S. P. VIII.
Liq. Antisept.

Antiseptic Solution. As modified, a solution of boric acid (2.5), thymol (0.1), eucalyptol (0.5), methyl salicylate (0.12), oil of thyme (0.03), sodium salicylate (0.12), sodium benzoate (0.6) in alcohol (30), and water (to make 100).

Average dose: 4 mils or 1 fluidrachm.

LIQUOR ANTISEPTICUS ALKALINUS, N. F. IV. Liq. Antisept. Alk.

Alkaline Antiseptic Solution, Alkaline Antiseptic. As modified a solution of potassium bicarbonate (3.2), sodium benzoate (0.8), sodium borate (3.2), thymol (0.02), eucalyptol (0.02), oil of peppermint (0.02), oil of gaultheria (0.04), and cudbear (0.2) in alcohol (6), glycerin (15), and water (to make 100).

LIQUOR ARSENICALIS CLEMENS, N. F. IV. Liq. Arsen. Clemens.
Clemens' Solution of Arsenic, Solution of Potassium Arsenate and Bromide, Liquor Potassii Arsenatis et Bromidi, N. F. III. An aqueous solution containing arsenic corresponding to about 1 per cent of arsenic trioxide (As_2O_3) made by dissolving arsenic (1), potassium bicarbonate (4.05), bromine (0.5) in water (to make 100).
Average dose: 0.2 mil or 3 minims.

LIQUOR ARSENI ET HYDRARGYRI IODIDI, U. S. P. IX.
Liq. Arsen. et Hydrarg. Iod.
Solution of Arsenous and Mercuric Iodide, Donovan's Solution. Contains from 0.95 to 1.05 per cent of AsI_3, and from 0.95 to 1.05 per cent of HgI_2. Made by dissolving arsenous iodide (1) and red mercuric iodide (1) in distilled water (to make 100). Tests for identity and purity. Method of assay.
Average dose: 0.1 mil or 1½ minims.

LIQUOR AURI ET ARSENI BROMIDI, N. F. IV.
Liq. Aur. et Arsen. Brom.
Solution of Gold and Arsenic Bromide. A solution of arsenic trioxide (0.25) and bromauric acid (0.325) with bromine (0.4) in distilled water (to make 100).
Average dose: 0.2 mil or 3 minims.

LIQUOR BENZOSULPHINIDI, N. F. III. Deleted.

LIQUOR BISMUTHI, N. F. IV. Liq. Bism.
Solution of Bismuth. A mixture of glycerite of bismuth (12.5), alcohol (12.5), and distilled water (to make 100).
Average dose: 4 mils or 1 fluidrachm.

LIQUOR BROMI, N. F. IV. Liq. Brom.
Solution of Bromine, Smith's Solution of Bromine. A solution of bromine (8.3) and potassium bromide (12.5) in water (to make 100).

LIQUOR CALCIS, U. S. P. IX. Liq. Calc.
Solution of Calcium Hydroxide, Lime Water. Official in European pharmacopœias as Aqua Calcariæ (E), Solutio Hydratis Calcici (S). Contains not less than 0.14 per cent of $Ca(OH)_2$ at 25°. Made by dissolving lime in distilled water.
Average dose: 15 mils or 4 fluidrachms.
Preparations: U. S. P.—Liminentum Calcis.
N. F.—Lotio Flava, Lotio Nigra, Pasta Zinci Mollis.

LIQUOR CALCIS SULPHURATÆ, N. F. IV. Liq. Calc. Sulphurat.
Solution of Sulphurated Lime, Solution of Oxysulphuret of Calcium, Vleminckx' Solution, Vleminckx' Lotion. A mixture of lime (16.5) and sublimed sulphur (2.5) dissolved in boiling water (to make 100).

Liquor Carmini, N. F. IV. Liq. Carmin.

Solution of Carmine. Carmine (6.5) dissolved in a mixture of ammonia water (36.5), glycerin (36.5), and water (to make 100).

Liquor Chlori Compositus, N. F. IV. From U. S. P. VIII. Liq. Chlor. Co.

Compound Solution of Chlorine, Chlorine Water. Contains a mixture of chlorine and chlorine oxides equivalent to about 0.35 w/v per cent of chlorine. Should be freshly prepared. Directions for making and a method of assay.

Average dose: 4 mils or 1 fluidrachm.

Liquor Cocci, N. F. IV. Liq. Cocci.

Cochineal Color. A solution of the coloring principle in cochineal (6.5) with potassium carbonate (3.2), alum (3.2), and potassium bitartrate (6.5) in a mixture of glycerin (50), alcohol (3.2), and water (to make 100).

Liquor Coccineus, N. F. III. See Liquor Cocci, N. F.

Liquor Cresolis Compositus, U. S. P. IX. Liq. Cresol. Co.

Compound Solution of Cresol. Official in European pharmacopœias as Liquor Cresoli Saponatus (E). A mixture of cresol (50), linseed oil (30), potassium hydroxide (8), alcohol (3), and water (to make 100) The KOH may be replaced by NaOH (5.4).

Liquor Electropœicus, N. F. III. Deleted.

Liquor Extracti Glycyrrhizæ, N. F. III. Deleted.

Liquor Ferri Acetatis, N. F. IV. Liq. Ferr. Acet.

Solution of Ferric Acetate. Now contains about 31 per cent of anhydrous ferric acetate, $Fe(C_2H_3O_2)_3$, corresponding to about 7.5 per cent of metallic iron (Fe). Directions for making and a method of assay.

Average dose: 0.3 mils or 5 minims.

Liquor Ferri Albuminati, N. F. IV. Liq. Ferr. Albumin.

Solution of Albuminate of Iron. Now a solution of fresh egg albumen (6), solution of ferric oxychloride (13), sodium citrate (1.25), in a mixture of aromatic elixir (40), alcohol (12), and water (to make 100).

Average dose: 8 mils or 2 fluidrachms.

Liquor Ferri Chloridi, U. S. P. IX. Liq. Ferr. Chlor.

Solution of Ferric Chloride, Solution of Iron Perchloride. A similar preparation is official in European pharmacopœias as Liquor Ferri Sesquichlorati (E), Solutio Chloreti Ferrici (S). Contains ferric chloride corresponding to from 10 to 11 per cent of Fe. Made by dissolving iron in a mixture of hydrochloric acid and distilled water and oxidizing by means of nitric acid. Tests for identity and purity. Method of assay.

Average dose: 0.1 mil or 1½ minims.

Preparations: U. S. P.—Ferri Chloridum, Tinctura Ferri Chlorida (which see).

N. F.—Ferri Oxidum Saccharatum, Gossypium Stypticum, Liquor Ferri Oxychloridi, Syrupus Ferri Protochloridi, Tinctura Ferri Chloridi Aetherea, Tinctura Ferri Citro-Chloridi.

LIQUOR FERRI CITRATIS, N. F. IV. Liq. Ferr. Cit.

Solution of Ferric Citrate. Contains ferric citrate corresponding to not less than 7.25 per cent of metallic iron (Fe). Directions for making and a method of assay.

Average dose: 0.6 mil or 10 minims.

LIQUOR FERRI ET AMMONII ACETATIS, U. S. P. IX.
Liq. Ferr. et Ammon. Acet.

Solution of Iron and Ammonium Acetate, Basham's Mixture. A mixture of tincture of ferric chloride (4), diluted acetic acid (6), solution of ammonium acetate (50), aromatic elixir (12), glycerin (12), and distilled water (to make 100). Tests for identity and purity.

Average dose: 15 mils or 4 fluidrachms.

LIQUOR FERRI HYPOPHOSPHITIS, N. F. IV. Liq. Ferr. Hypophos.

Solution of Ferric Hypophosphite, Solution of Hypophosphite of Iron. A solution of ferric hypophosphite (16.5) and potassium citrate (21.5) in a mixture of glycerin (15) and water (to make 100).

Average dose: 1 mil or 15 minims.

LIQUOR FERRI IODIDI, N. F. III. Deleted.

LIQUOR FERRI NITRATIS, N. F. IV. Liq. Ferr. Nit.

Solution of Ferric Nitrate. Contains ferric nitrate corresponding to not less than 1.3 per cent of metallic iron. Directions for making and a method of assay.

Average dose: 0.3 mil or 5 minims.

LIQUOR FERRI OXYCHLORIDI, N. F. IV. Liq. Ferr. Oxychlor.

Solution of Ferric Oxychloride. Made by precipitating a solution of ferric chloride (30) with ammonia water (60), washing the precipitate and dissolving in a mixture of hydrochloric acid (3) and distilled water (to make 100).

Average dose: 2 mils or 30 minims.

Preparations: N. F.—Liquor Ferri Albuminati, Liquor Ferri Peptonati, Liquor Ferri Peptonati cum Mangano.

LIQUOR FERRI OXYSULPHATIS, N. F. IV. Liq. Ferr. Oxysulph.

Solution of Ferric Oxysulphate. A solution of ferrous sulphate (16.5 w/v per cent) in distilled water oxidized by means of nitric acid.

Liquor Ferri Peptonati, N. F. IV. Liq. Ferr. Pepton.
Solution of Peptonate of Iron. Now a solution of fresh egg albumen (9), digested with a mixture of pepsin and hydrochloric acid until peptonized, then mixed with a solution of sodium citrate (2), and solution of ferric oxychloride (12) in alcohol (15), syrup, glycerin, aromatics, and distilled water (to make 100).
Average dose: 8 mils or 2 fluidrachms.

Liquor Ferri Peptonati cum Mangano, N. F. III. See Liquor Ferri Peptonati et Mangani, N. F.

Liquor Ferri Peptonati et Mangani, N. F. IV.
Liq. Ferr. Pepton. et Mangan.
Solution of Peptonate of Iron and Manganese. Liquor Ferri Peptonati cum Mangano, N. F. III. Solution of Iron Peptonate with Manganese. Now a solution of fresh egg albumen (9), digested with a mixture of pepsin and hydrochloric acid until peptonized, then mixed with a solution of manganese citrate (1), sodium citrate (2), and solution of ferric oxychloride (12) in alcohol (15), syrup, glycerin, aromatics, and distilled water (to make 100).
Average dose: 8 mils or 2 fluidrachms.

Liquor Ferri Protochloridi, N. F. IV. Liq. Ferr. Protochlor.
Solution of Ferrous Chloride, Solution of Protochloride of Iron. Made by dissolving iron in a mixture of hydrochloric acid (62.5), glycerin (25), diluted hypophosphorous acid (10), and distilled water (to make 100).
Average dose: 0.6 mil or 10 minims.
Preparation: N. F.—Syrupus Ferri Protochloridi.

Liquor Ferri Salicylatis, N. F. IV. New. Liq. Ferr. Salicyl.
Solution of Ferric Salicylate, Salicylated Mixture of Iron. A mixture of sodium salicylate (12.5), tincture of ferric citro-chloride (12.5), ammonium carbonate (0.65), citric acid (0.85), methyl salicylate (0.2), glycerin (17.5), and distilled water (to make 100).
Average dose: 8 mils or 2 fluidrachms.

Liquor Ferri Subsulphatis, U. S. P. IX. Liq. Ferr. Subsulph.
Solution of Ferric Subsulphate, Monsel's Solution, Solution of Basic Ferric Sulphate. Contains basic ferric sulphate corresponding to from 13 to 14 per cent of Fe. Made by oxidizing a mixture of ferrous sulphate and sulphuric acid in distilled water, with nitric acid. Tests for identity and purity. Method of assay.
Average dose: 0.2 mil or 3 minims.

Liquor Ferri Tersulphatis, U. S. P. IX. Liq. Ferr. Tersulph.
Solution of Ferric Sulphate, Solution of Ferric Tersulphate, Solution of Iron Tersulphate. An aqueous solution containing normal

ferric sulphate corresponding to from 9.5 to 10.5 per cent of Fe. A solution of ferrous sulphate (50), sulphuric acid (0.6) in distilled water (to make 100), oxidized by means of nitric acid. Tests for identity and purity. Method of assay.

Preparations: U. S. P.—Ferri Hydroxidum cum Magnesii Oxido.

N. F.—Liquor Ferri Acetatis, Liquor Ferri Citratis, Liquor Ferri Nitratis, Magma Ferri Hydroxidi.

LIQUOR FORMALDEHYDI, U. S. P. IX. Liq. Formaldehyd.

Solution of Formaldehyde. Official in European pharmacopœias as Formaldehydum Solutum (E), Solutio Formaldehydi (S). Contains not less than 37 per cent of CH_2O with varying amounts of methyl alcohol to prevent polymerization. Tests for identity and purity. Method of assay.

LIQUOR GUTTA PERCHÆ, N. F. IV. Liq. Gut. Perch.

Solution of Gutta Percha. A solution of gutta percha (15) in chloroform (100), clarified by lead carbonate (17).

LIQUOR HYDRARGYRI ET POTASSII IODIDI, N. F. IV.
Liq. Hydrarg. et Pot. Iod.

Solution of Mercury and Potassium Iodide, Solution of Potassium Iodohydrargyrate, Channing's Solution. A solution of red mercuric iodide (1) and potassium iodide (0.8) in distilled water (to make 100).

Average dose: 0.2 mil or 3 minims.

LIQUOR HYDRARGYRI NITRATIS, N. F. IV. From U. S. P. VIII.
Liq. Hydrarg. Nit.

Solution of Mercuric Nitrate. Solution containing from 58 to 62 per cent of anhydrous mercuric nitrate, $Hg(NO_3)_2$, and about 11 per cent of free nitric acid. Directions for making and method of assay.

LIQUOR HYDRASTINÆ COMPOSITUS, N. F. IV. New.
Liq. Hydrastin. Co.

Compound Solution of Hydrastine, Colorless Hydrastine Solution. A solution of hydrastine hydrochloride (0.3), aluminum chloride (0.3), calcium chloride (0.3), magnesium chloride (0.3), potassium chloride (0.1), in a mixture of glycerin (50) and distilled water (to make 100).

Average dose: 4 mils or 1 fluidrachm.

LIQUOR HYDROGENII DIOXIDI, U. S. P. IX. Liq. Hydrog. Diox.

Solution of Hydrogen Dioxide, Solution of Hydrogen Peroxide. Aqua Hydrogenii Dioxidi, U. S. P. VIII, "Peroxide of Hydrogen." Official in European Pharmacopœias as Hydrogenium Hyperoxydatum Solutum (E). Contains not less than 3 per cent by weight of H_2O_2, corresponding to not less than 10 volumes of available oxygen. May contain 0.04 w/v per cent of preservative. Tests for identity and purity and a method of assay.

Average dose: 4 mils or 1 fluidrachm.

LIQUOR HYPOPHOSPHITUM, N. F. IV. Liq. Hypophos.

Solution of Hypophosphites. A solution of calcium hypophosphite (3.5), sodium hypophosphite (2), potassium hypophosphite (1.75), in a mixture of hypophosphorous acid (0.6) and distilled water (to make 100).

Average dose: 4 mils or 1 fluidrachm.

LIQUOR HYPOPHOSPHITUM COMPOSITUS, N. F. IV. Liq. Hypophos. Co.

Compound Solution of Hypophosphites. A solution of calcium hypophosphite (0.85), potassium hypophosphite (0.85), sodium hypophosphite (0.22), ferric hypophosphite (0.44), manganese hypophosphite (0.22), quinine hypophosphite (0.22), strychnine (0.0065), and potassium citrate (0.85), in a mixture of hypophosphorous acid (0.6), orange flower water, glycerin, and distilled water (to make 100).

Average dose: 4 mils or 1 fluidrachm.

LIQUOR HYPOPHYSIS, U. S. P. IX. New. Liq. Hypophysis.

Solution of Hypophysis, Solution of the Pituitary Body. Contains the water-soluble principle or principles from the fresh posterior lobe of the pituitary body of cattle. Made by extracting finely minced material with acidulated water. Biological test for activity.

Average dose: 1 mil or 15 minims.

LIQUOR IODI CARBOLATUS, N. F. III. See Liquor Iodi Phenolatus, N. F. IV.

LIQUOR IODI CAUSTICUS, N. F. III. Deleted.

LIQUOR IODI COMPOSITUS, U. S. P. IX. Liq. Iodi Co.

Compound Solution of Iodine, Lugol's Solution. Contains from 4.8 to 5.2 per cent of I and from 9.8 to 10.2 per cent of KI. Made by dissolving iodine (5) and potassium iodide (10) in distilled water (to make 100). Tests for identity and purity. Methods of assay for K.I and for I.

Average dose: 0.2 mil or 3 minims.

Preparation: N. F.—Liquor Iodi Phenolatus.

LIQUOR IODI PHENOLATUS, N. F. IV. Liq. Iod. Phenol.

Phenolated Solution of Iodine, Liquor Iodi Carbolatus, N. F. III, Carbolized Solution of Iodine, Boulton's Solution (French Mixture). Now a mixture of compound solution of iodine (1.5), liquefied phenol (0.6), glycerin (16.5), and water (to make 100).

LIQUOR MAGNESII BROMIDI, N. F. III. Deleted.

LIQUOR MAGNESII CITRATIS, U. S. P. IX. Liq. Mag. Cit.

Solution of Magnesium Citrate. Contains magnesium citrate corresponding to not less than 1.5 w/v per cent of magnesium oxide. Made by dissolving magnesium carbonate (15), potassium bicarbonate

(2.5), citric acid (33), in a mixture of syrup (60), oil of lemon (0.1), and water (to make 1 bottle or about 350). Method of assay.

Average dose: 350 mils or 12 fluidounces.

LIQUOR MAGNESII SULPHATIS EFFERVESCENS, N. F. IV.
Liq. Mag. Sulph. Eff.

Effervescent Solution of Magnesium Sulphate. A mixture of magnesium sulphate (25), citric acid (4), syrup of citric acid (60), potassium bicarbonate (2.5), and distilled water (to make 1 bottle or about 350).

Average dose: The contents of one bottle.

LIQUOR MORPHINÆ CITRATIS, N. F. III. Deleted.

LIQUOR MORPHINÆ HYPODERMICUS, N. F. III. Deleted.

LIQUOR PANCREATICUS, N. F. III. See Liquor Pancreatini, N. F. IV.

LIQUOR PANCREATINI, N. F. IV. Liq. Pancreat.

Solution of Pancreatin, Liquor Pancreaticus, N. F. III, Pancreatic Solution. A solution of pancreatin (1.75), sodium bicarbonate (5), in a mixture of glycerin (25), compound spirit of cardamom (0.35), alcohol (6.5), chloroform (0.2), and distilled water (to make 100).

Average dose: 4 mils or 1 fluidrachm.

LIQUOR PEPSINI, N. F. IV. Liq. Pepsin.

Solution of Pepsin. A mixture of glycerite of pepsin (5), hydrochloric acid (1), glycerin (31.5), and distilled water (to make 100).

Average dose: 8 mils or 2 fluidrachms.

LIQUOR PEPSINI ANTISEPTICUS, N. F. IV. New.
Liq. Pepsin. Antisept.

Antiseptic Solution of Pepsin (Physol). A solution of pepsin (5), aromatized by menthol, aucalyptol, and methyl salicylate, in a mixture of alcohol (1), glycerin (5), diluted hydrochloric acid (2), and distilled water (to make 100).

LIQUOR PEPSINI AROMATICUS, N. F. IV. Liq. Pepsin. Arom.

Aromatic Solution of Pepsin. A solution of pepsin (1.75), with oil of cinnamon, oil of pimenta, and oil of cloves, in a mixture of alcohol (3.5), hydrochloric acid (1), glycerin (25), and distilled water (to make 100).

Average dose: 8 mils or 2 fluidrachms.

LIQUOR PHOSPHATUM ACIDUS, N. F. IV. Liq. Phos. Acid.

Acid Solution of Phosphates, Solution of Acid Phosphates. Now a solution of precipitated calcium carbonate (5) and magnesium carbonate (0.5), in a mixture of phosphoric acid (12) and distilled water (to make 100).

Average dose: 4 mils or 1 fluidrachm.

Liquor Phosphatum Compositus, N. F. IV. New.
Liq. Phos. Co.

Stronger Compound Solution of Phosphates. A solution of precipitated calcium carbonate (7), ferric phosphate (3.5), ammonium phosphate (3.5), potassium bicarbonate (0.8), sodium bicarbonate (0.8), and citric acid (16.4), in a mixture of glycerin (37.5), phosphoric acid (14), orange flower water (25), and distilled water (to make 100).

Preparations: N. F.—Syrupus Phosphatum Compositus, Syrupus Phosphatum cum Quininæ et Strychninæ.

Liquor Phosphori, N. F. IV. Liq. Phosphor.

Solution of phosphorus, Thompson's Solution of Phosphorus. A solution of phosphorus (0.07) in a mixture of dehydrated alcohol (35), spirit of peppermint (0.5), and glycerin (to make 100).

Average dose: 0.6 mil or 10 minims.

Liquor Picis Alkalinus, N. F. IV. Liq. Pic. Alk.

Alkaline Solution of Tar. A mixture of tar (25), potassium hydroxide (12.5), and water (to make 100).

Liquor Picis Carbonis, N. F. IV. New. Liq. Pic. Carbon.

Coal Tar Solution. A mixture of coal tar (20) and the soluble constituents of quillaja (10) in alcohol (to make 100).

Liquor Plumbi Subacetatis, U. S. P. IX. Liq. Plumb. Subacet.

Solution of Lead Subacetate, Goulard's Extract. Analogous preparations are official in European Pharmacopœias as Plumbum Subaceticum Solutum (E), Solutio Subacetatis Plumbici (S). Contains lead subacetate (approximately $Pb_2O(CH_3.COO)_2$ corresponding to not less than 18 per cent of Pb. Made by dissolving lead acetate (18) and lead oxide (11) in distilled water (to make 100). Tests for identity and purity.

Preparations: U. S. P.—Liquor Plumbi Subacetatis Dilutus.
N. F.—Ceratum Plumbi Subacetatis, Mistura Adstringens.

Liquor Plumbi Subacetatis Dilutus, U. S. P. IX.
Liq. Plumbi Subacet. Dil.

Diluted Solution of Lead Subacetate, Lead water. Similar preparations are official in European pharmacopœias as Aqua Plumbi (E), Aqua Saturnina (S). A mixture of solution of lead subacetate (4) and distilled water (to make 100).

Liquor Potassæ Chlorinatæ, N. F. IV. Liq. Pot. Chlorinat.

Solution of Chlorinated Potassa, Liquor Potassæ Chloratæ, Javelle Water. Made by treating a mixture of chlorinated lime (8) with water, with a solution of potassium carbonate (5.8) in water (to make 100).

LIQUOR POTASSII ARSENITIS, U. S. P. IX. Liq. Pot. Arsen.
Solution of Potassium Arsenite, Fowler's Solution, Liquor Arsenicalis, Arsenicalis Liquor Fowleri, P. I. Included in the International Protocol as Liquor Kalii Arsenicosi (P. I.). Official in European pharmacopœias as Liquor Arsenitis Kalici (S). Contains potassium arsenite, corresponding to from 0.975 to 1.025 per cent of As_2O_3. Made by dissolving arsenic trioxide (1), potassium bicarbonate (2), compound tincture of lavender (3) in distilled water (to make 100). Tests for identity and a method of assay.

Average dose: 0.2 mil or 3 minims.

LIQUOR POTASSII ARSENATIS ET BROMIDII, N. F. III. See Liquor Arsenicalis, Clemens, N. F. IV.

LIQUOR POTASSII CITRATIS, U. S. P. IX. Liq. Pot. Cit.
Solution of Potassium Citrate. Contains not less than 8 per cent of $K_3C_6H_5O_7$, with small amounts of citric and carbonic acids. Made by dissolving potassium bicarbonate (8) and citric acid (6) in distilled water (to make 100). Tests for identity and a method of assay.

Average dose: 15 mils or 4 fluidrachms.

LIQUOR POTASSII HYDROXIDI, U. S. P. IX. Liq. Pot. Hydrox.
Solution of Potassium Hydroxide, Liquor Potassæ, Solution of Potassa. Analogous preparations are official in European pharmacopœias as Liquor Kali Caustici (E). Contains not less than 4.5 per cent of KOH. Made by dissolving potassium hydroxide (6), in distilled water (to make 100). Tests for identity and a method of assay.

Average dose: 1 mil or 15 minims.

Preparations: N. F.—Elixir Catharticum Compositum, Glyceritum Guaiaci, Mistura Copaiba, Syrupus Eriodictyi Aromaticus.

LIQUOR SACCHARINI, N. F. III. Deleted.

LIQUOR SERIPARUS, N. F. III. Deleted.

LIQUOR SODÆ CHLORINATÆ, U. S. P. IX. Liq. Sod. Chlorinat.
Solution of Chlorinated Soda, Labarraque's Solution. Contains not less than 2.5 per cent of available chlorine. Made by decomposing chlorinated lime (10) with monohydrated sodium carbonate and water (to make 100). Tests for identity and a method of assay.

LIQUOR SODÆ ET MENTHÆ, N. F. IV. Liq. Sod. et Menth.
Solution of Soda and Mint, Mistura Sodæ et Menthæ, N. F. III, Soda Mint. A solution of sodium bicarbonate (5), in aromatic spirit of ammonia (1) and spearmint water (to make 100). When preferred peppermint water may be used in place of the spearmint water.

Average dose: 8 mils or 2 fluidrachms.

LIQUOR SODII ARSENATIS, U. S. P. IX. Liq. Sod. Arsen.

Solution of Sodium Arsenate. Contains from 0.975 to 1.025 per cent of Na_2HAsO_4. Made by dissolving exsiccated sodium arsenate (1) in distilled water (to make 100). Tests for identity and purity and a method of assay.

Average dose: 0.2 mil or 3 minims.

LIQUOR SODII ARSENATIS, PEARSON, N. F. IV.
Liq. Sod. Arsen. Pearson.

Pearson's Solution of Sodium Arsenate. Now a solution of exsiccated sodium arsenate (0.1) in distilled water (to make 100). This solution is only 1/10 the strength of the Liquor Sodii Arsenatis, U. S. P.

Average dose: 2 mil or 30 minims.

LIQUOR SODII BORATIS COMPOSITUS, N. F. IV. Liq. Sod. Bor. Co.

Compound Solution of Sodium Borate, Dobell's Solution. A solution of sodium borate (1.5), sodium bicarbonate (1.5), liquefied phenol (0.3) in a mixture of glycerin (3.5) and water (to make 100).

LIQUOR SODII CARBOLATIS, N. F. III. Deleted.

LIQUOR SODII CHLORIDI PHYSIOLOGICUS, U. S. P. IX. New.
Liq. Sod. Chlor. Physio.

Physiological Solution of Sodium Chloride, Physiological Salt Solution, Normal Salt Solution, Solutio Salina, Normal Saline Solution, Isotonic Salt Solution. Made by dissolving sodium chloride (0.85) in distilled water (to make 100).

LIQUOR SODII CITRATIS, N. F. IV. Liq. Sod. Cit.

Solution of Sodium Citrate, Mistura Sodii Citratis, Saturatio vel Potio Riverii. A solution of citric acid (2) and sodium bicarbonate (2.5) in distilled water (to make 100).

Average dose: 8 mils or 2 fluidrachms.

LIQUOR SODII CITRO-TARTRATIS EFFERVESCENS, N. F. IV.
Liq. Sod. Citro-Tart. Eff.

Effervescent Solution of Sodium Citro-Tartrate. A solution of sodium bicarbonate (26), tartaric acid (24), and citric acid (2), in a mixture of syrup of citric acid (50) and distilled water (to make one bottle or about 350).

Average dose: The contents of one bottle.

LIQUOR SODII GLYCEROPHOSPHATIS, U. S. P. IX. New.
Liq. Sod. Glycerophos.

Solution of Sodium Glycerophosphate. An aqueous solution corresponding to not less than 50 per cent of the anhydrous salt $Na_2C_3H_7PO_6$. Tests for identity and purity and a method of assay.

Average dose: 0.35 mil or 6 minims.

Preparations: See under Sodii Glycerophosphas.

LIQUOR SODII HYDROXIDI, U. S. P. IX. Liq. Sod. Hydrox.

Solution of Sodium Hydroxide, Liquor Sodæ, Solution of Soda. An analogous preparation is official in European pharmacopœias as Liquor Natri Caustici (E). Contains not less than 4.5 per cent of NaOH. Made by dissolving sodium hydroxide (5.6) in distilled water (to make 100). Tests for identity and a method of assay.

Average dose: 1 mil or 15 minims.

Preparations: N. F.—Ferri Oxidum Saccharatum, Liquor Ferri Peptonati, Liquor Ferri Peptonati et Mangani.

LIQUOR SODII OLEATIS, N. F. III. Deleted.

LIQUOR SODII PHOSPHATIS COMPOSITUS, N. F. IV. From U. S. P. VIII. Liq. Sod. Phos. Co.

Compound Solution of Sodium Phosphate. As modified, a solution of sodium phosphate (100), citric acid (13), in a mixture of glycerin (15) with water (to make 100). Sodium nitrate omitted from formula.

Average dose: 8 mils or 2 fluidrachms.

LIQUOR STRYCHNINÆ ACETATIS, N. F. IV. Liq. Strych. Acet.

Solution of Strychnine Acetate, Hall's Solution of Strychnine. Now a solution of strychnine (0.178) in a mixture of diluted acetic acid (3.5), alcohol (25), compound tincture of cardamom (1), and distilled water (to make 100).

Average dose: 0.6 mil or 10 minims.

LIQUOR ZINCI CHLORIDI, U. S. P. IX. Liq. Zinc. Chlor.

Solution of Zinc Chloride. Contains from 48.5 to 52 per cent of $ZnCl_2$. Made by dissolving zinc (24) in a mixture of hydrochloric acid (84) and nitric acid (12) and then adding precipitated zinc carbonate to clarify the solution. Tests for identity and purity and a method of assay.

LIQUOR ZINCI ET ALUMINI COMPOSITUS, N. F. IV.
Liq. Zinc. et Alumin. Co.

Compound Solution of Zinc and Aluminum. A solution of zinc sulphate (20), aluminum sulphate (20), betanaphthol (0.06), and oil of thyme (0.2) in distilled water (to make 100).

LIQUOR ZINCI ET FERRI COMPOSITUS, N. F. IV.
Liq. Zinc. et Ferr. Co.

Compound Solution of Zinc and Iron, Deodorant Solution. A solution of zinc sulphate (20), ferrous sulphate (20), copper sulphate (6.5), betanaphthol (0.06), oil of thyme (0.2) in a mixture of hypophosphorous acid (0.4) and water (to make 100).

LIQUOR ZINGIBERIS, N. F. III. Deleted.

LITHII BENZOAS, U. S. P. VIII. Deleted.

LITHII BROMIDUM, U. S. P. IX. Lith. Brom.

Lithium Bromide. Now contains not less than 85 per cent of LiBr. Tests for identity and purity and a method of assay.

Average dose: 1 gm. or 15 grains.

Preparations: N. F.—Elixir Lithii Bromidi, Syrupus Bromidorum.

LITHII CARBONAS, U. S. P. IX. Lith. Carb.

Lithium Carbonate. Official in European pharmacopœias as Lithium Carbonicum (E), Carbonas Lithicus (S). Contains when dried not less than 98.5 per cent of Li_2CO_3. Tests for identity and purity and a method of assay.

Average dose: 0.5 gm. or 8 grains.

Preparations: N. F.—Used in making Elixir Formatum Compositum, Sal Potassii Bromidi Effervescens Compositus, Sal Vichyani Factitium Effervescens et Lithii.

LITHII CITRAS, U. S. P. IX. Lith. Cit.

Lithium Citrate. Contains not less than 98.5 per cent of $Li_3C_6H_5O_7 + 4H_2O$. Tests for identity and purity and a method of assay.

Average dose: 0.5 gm. or 8 grains.

Preparations: N. F.—Elixir Lithii Citratis, Sal Lithii Citras Effervescens.

LITHII CITRAS EFFERVESCENS, U. S. P. VIII. See Sal Lithii Citras Effervescens, N. F. IV.

LITHII SALICYLAS, N. F. IV. Part II. From U. S. P. VIII. Lith. Salicyl.

Lithium Salicylate. Contains when dried not less than 98.5 per cent of $LiC_7H_5O_3$. Tests for identity and purity and a method of assay.

Average dose: 1 gm. or 15 grains.

Preparation: N. F.—Elixir Lithii Salicylatis.

LOBELIA, U. S. P. IX. Lobel.

Lobelia, Indian Tobacco. Official in European pharmacopœias as Herba Lobeliæ (E). The dried leaves and flowering tops of *Lobelia inflata* Linné without admixture of more than 10 per cent of stems and other foreign matter. Yields not more than 8 per cent of ash.

Average dose: 0.15 gm. or 2½ grains.

Preparations: U. S. P.—Fluidextractum Lobeliæ, Tinctura Lobeliæ.

LOTIO ADSTRINGENS, N. F. III. Deleted.

LOTIO AMMONIACALIS CAMPHORATA, N. F. IV. Lot. Ammon. Camph.

Ammoniated Camphor Wash, Aqua Sedativa, N. F. III. Sedative Water, Eau Sédative de Raspail. A solution of sodium chloride (6) in a mixture of ammonia water (6), spirit of camphor (1) and water (to make 100).

LOTIO FLAVA, N. F. IV. Lot. Flav.

Yellow Lotion, Yellow Wash, Aqua Phagedænica Flava. A mixture of a solution of corrosive mercuric chloride (0.3) with solution of calcium hydroxide (to make 100).

LOTIO NIGRA, N. F. IV. Lot. Nigr.

Black Lotion, Black Wash, Aqua Phagedænica Nigra. A mixture of mild mercurous chloride (0.875) with water and solution of calcium hydroxide (to make 100).

LOTIO PLUMBI ET OPII, N. F. IV. Lot. Plumb. et Opii.

Lotion of Lead and Opium, Lead and Opium Wash. A solution of lead acetate (1.75) with tincture of opium (3.5) in water (to make 100).

LUPULINUM, N. F. IV. Part II. From U. S. P. VIII. Lupul.

Lupulin. The glandular trichomes separated from the strobiles of *Humulus lupulus* Linné. Yields not more than 16 per cent of ash.

Average dose: 0.5 gm. or 8 grains.

Preparations: N. F.—Fluidextractum Lupulini, Oleoresina Lupulini.

LYCOPODIUM, U. S. P. IX. Lycopod.

Lycopodium. The spores of *Lycopodium clavatum* Linné without admixture of more than 2 per cent of impurities. Yields not more than 3 per cent of ash.

MACIS, N. F. IV. Part II.

Mace. The arillode of the seed of *Myristica fragrans* Houtuyn. Yields not less than 8 per cent of volatile ether extract and from 20 to 30 per cent of non-volatile ether extract. Mace yields not more than 3 per cent of ash which is almost completely soluble in HCl.

Average dose: 0.5 gm. or 8 grains.

Preparation: N. F.—Elixir Rubi Compositum.

MAGMA BISMUTHI, U. S. P. IX. New. Magma Bism.

Bismuth Magma, Milk of Bismuth. Yields from 5.6 to 6.2 per cent of Bi_2O_3. Made by precipitating a solution of bismuth subnitrate in nitric acid with a solution of ammonium carbonate in ammonia water and distilled water. Tests for identity and a method of assay.

Average dose: 4 mils or 1 fluidrachm.

MAGMA FERRI HYDROXIDI, N. F. IV. From U. S. P. VIII.
Magm. Ferr. Hydrox.

Ferric Hydroxide Magma, Ferri Hydroxidum U. S. P. VIII. Ferric Hydroxide. A solution of ferric sulphate (33) precipitated with a mixture of ammonia water (47) and water (to make 100).

MAGMA MAGNESIÆ, U. S. P. IX. From N. F. III. Magma Mag.
Magnesia Magma, Milk of Magnesia. Yields from 6.5 to 7.5 per cent of Mg $(OH)_2$. Made by treating a mixture of magnesium carbonate and water with Sodium hydroxide. Tests and a method of assay.
Average dose: 10 mils or 2½ fluidrachms.

MAGNESII CARBONAS, U. S. P. IX. Mag. Carb.
Magnesium Carbonate. Official in European pharmacopœias as Magnesium Carbonicum (E), Hydratocarbonas Magnesicus (S). A mixture of hydrated magnesium carbonate and magnesium hydroxide corresponding to not less than 39.2 per cent MgO, and not more than 0.8 per cent of CaO. Tests for identity and purity and a method of assay.
Average dose: 3 gm. or 45 grains.
Preparations: U. S. P.—Used in making Liquor Magnesii Citratis, Magma Magnesiæ, Syrupus Picis Liquidæ, Syrupus Tolutanus, Syrupus Zingiberis.
N. F.—Mistura Carminativa, Mistura Magnesiæ, Asafœtidæ et Opii. Used in making Elixir Eriodictyi Aromaticum, Elixir Formatum Compositum, Glyceritum Picis Liquidæ, Liquor Antisepticus Alkalinus, Liquor Pancreatini, Liquor Phosphatum Acidus, Syrupus Eriodictyi Aromaticus.

MAGNESII CHLORIDUM, NF. IV. Part II. Magnes. Chlorid.
Magnesium Chloride. Contains not less than 95 per cent of $MgCl_2 + 6H_2O$. Tests for identity and purity.
Average dose: 15 gm. or 4 drachms.
Preparation: N. F.—Liquor Hydrastinæ Compositus.

MAGNESII CITRAS EFFERVESCENS, N. F. III. Deleted.

MAGNESII OXIDUM, U. S. P. IX. Mag. Oxid.
Magnesium Oxide, Magnesia, Calcined Magnesia, Light Magnesia. Official in European pharmacopœias as Magnesii Oxidum (E), Oxydum Magnesicum Leve (S). Contains after ignition not less than 96 per cent of MgO and not more than 2 per cent of CaO. Tests for identity and purity and a method of assay.
Average dose: 2 gm. or 30 grains.
Preparations: U. S. P.—Used in making Ferri Hydroxidum cum Magnesii Oxido, Fluidextractum Cascaræ Sagradæ, Aromaticum.
N. F.—Massa Copaibæ, Pulvis Rhei et Magnesiæ Anisatus.

MAGNESII OXIDUM PONDEROSUM, U. S. P. IX. Mag. Oxid. Pond.
Heavy Magnesium Oxide, Heavy Magnesia. Official in European pharmacopœias as Oxydum Magnesicum Ponderosum (S). Contains after ignition not less than 96 per cent of MgO nor more than 2 per cent of CaO. Responds to the tests under magnesium oxidum.
Average dose: 2 gm. or 30 grains.

MAGNESII SULPHAS, U. S. P. IX. Mag. Sulph.

Magnesium Sulphate, Epsom Salt. Official in European pharmacopœias as Magnesium Sulfuricum (E), Sulfas Magnesicus (S). Contains from 48.59 to 53.45 per cent of anhydrous magnesium sulphate, corresponding to not less than 99.5 per cent of the crystallized salt, $MgSO_4 + 7H_2O$. Tests for identity and purity and a method of assay.

Average dose: 15 gm. or 4 drachms.

Preparations: U. S. P.—Infusum Sennæ Compositum.

N. F.—Liquor Magnesii Sulphatis Effervescens, Sal Kissingense Factitium (which see), Sal Vichyanum Factitium (which see).

MAGNESII SULPHAS EFFERVESCENS, U. S. P. VIII. Deleted.

MALTUM, U. S. P. IX. Malt.

Malt. The grain of one or more varieties of *Hordeum sativum* Jessen, partially germinated artificially and then dried at a temperature not exceeding 55°. It is capable of converting not less than 5 times its weight of starch into sugars. Tests for identity and purity and a method of assay.

Preparation: U. S. P.—Extractum Malti.

MALVÆ FOLIA, N. F. IV. Part II. From U. S. P. VIII.
Malv. Fol.

Mallow Leaves. The dried leaves of *Malva sylvestris* Linné, and *Malva rotundifolia* Linné. Yields not more than 16 per cent of ash.

Preparation: N. F.—Species Emollientes.

MANGANI CITRAS SOLUBILIS, N. F. IV. Part II. Mang. Cit. Sol.

Soluble Manganese Citrate, Manganese and Sodium Citrate. Contains when dried from 49 to 51 per cent of $Mn_3(C_6H_5O_7)_2$. Tests for identity and purity and a method of assay.

Average dose: 0.2 gm. or 3 grains.

Preparation: N. F.—Liquor Ferri Peptonati et Mangani.

MANGANI DIOXIDUM PRÆCIPITATUM, U. S. P. IX.
Mangan. Diox. Præc.

Precipitated Manganese Dioxide. Consists chiefly of manganese dioxide with small amounts of other oxides of manganese, corresponding to not less than 80 per cent of MnO_2. May be made by precipitating a strong solution of manganese sulphate with a mixture of ammonia water and solution of hydrogen dioxide. Tests for identity and purity and a method of assay.

Average dose: 0.25 gm. or 4 grains.

MANGANI GLYCEROPHOSPHAS SOLUBILIS, N. F. IV. Part II.
Mangan. Glycerophos. Sol.

Soluble Manganese Glycerophosphate, Soluble Manganous Glycerinophosphate. A mixture consisting of from 70 to 75 per cent of

$MnC_3H_7PO_6$ and citric acid. Tests for identity and purity and a method of assay.

Average dose: 0.2 gm. or 3 grains.

Preparation: N. F.—Elixir Glycerophosphatum Compositum.

MANGANI HYPOPHOSPHIS, N. F. IV. Part II. From U. S. P. VIII.
Mangan. Hypophos.

Manganese Hypophosphite. Contains not less than 97 per cent of $Mn(PH_2O_2)_2 + H_2O$. Tests for identity and purity and a method of assay.

Average dose: 0.2 gm. or 3 grains.

Preparations: N. F.—Liquor Hypophosphitum Compositus, Syrupus Hypophosphitum Compositus.

MANGANI SULPHAS, N. F. IV. Part II. From U. S. P. VIII.
Mangan. Sulph.

Manganese Sulphate. Contains not more than 38 per cent of water and from 62 to 68 per cent of $MnSO_4$. Tests for identity and purity and a method of assay.

Average dose: 0.2 gm. or 3 grains.

Preparation: N. F.—Syrupus Ferri et Mangani Iodidi.

MANNA, U. S. P. IX.

Manna. The dried saccharine exudation of *Fraxinus Ornus* Linné. Tests for mannite.

Average dose: 15 gm. or 4 drachms.

Preparations: U. S. P.—Infusum Sennæ Compositum.

N. F.—Syrupus Mannæ.

MARRUBIUM, U. S. P. VIII. Deleted.

MASSA COPAIBÆ, N. F. IV. Mass. Copaib.

Mass of Copaiba, Solidified Copaiba. A mixture of copaiba (94) and magnesia (6).

Average dose: 0.1 gm. or 15 grains.

MASSA FERRI CARBONATIS, U. S. P. IX. Mass. Ferr. Carb.

Mass of Ferrous Carbonate, Vallet's Mass. Contains not less than 35 per cent of $FeCO_3$. Made by precipitating a solution of ferrous sulphate (100) in water with an aqueous solution of monohydrated sodium carbonate, washing, and adding clarified honey and sugar to make a mass. Method of assay.

Average dose: 0.25 gm. or 4 grains.

MASSA HYDRARGYRI, U. S. P. IX. Mass. Hydrarg.

Mass of Mercury, Blue Mass, Blue Pill. Contains from 32 to 34 per cent of Hg. Made by mixing mercury (33), oleate of mercury (1), glycyrrhiza (10), althæa (15), glycerin (9), and honey of rose (to make 100). Method of assay.

Average dose: 0.25 gm. or 4 grains.

Preparations: N. F.—Pilulæ ad Prandium, Cole's, Pilulæ Aloes Hydrargyri et Podophylli, Pilulæ Aloes, Hydrargyri et Scammonii Compositæ, Pilulæ Antidyspepticæ, Pilulæ Digitalis Scillæ et Hydrargyri.

MASTICHE, N. F. IV. Part II. From U. S. P. VIII. Mastic.

Mastic. A concrete resinous exudation from *Pistacia lentiscus* Linné. Is completely soluble in ether and almost completely soluble in alcohol.

Average dose: 2 gm. or 30 grains.

Preparations: N. F.—Pilulæ ad Prandium, Chapman's, Pilulæ Aloes et Mastiches.

MATICO, N. F. IV. Part II. From U. S. P. VIII. Matic.

Matico. The dried leaves of *Piper angustifolium* Ruiz et Pavon, without admixture of more than 5 per cent of stems, flower spikes, and foreign matter. Yields not more than 18 per cent of ash.

Average dose: 4 gm. or 1 drachm.

Preparation: N. F.—Fluidextractum Matico.

MATRICARIA, U. S. P. IX.

Matricaria, German Chamomile, Wild Chamomile. Official in European Pharmacopœias as Flores Chamomilæ (E), Flos Chamomilæ (S). The dried flower-heads of *Matricaria Chamomilla* Linné without admixture of more than 5 per cent of stems and foreign matter.

Average dose: 15 gm. or 4 drachms.

Preparation: N. F.—Species Emollientes.

MEL, U. S. P. IX.

Honey. A saccharine secretion deposited in honeycomb by the bee, *Apis mellifera* Linné. Tests for identity and purity.

Preparation: U. S. P.—Mel Depuratum (which see).

MEL DEPURATUM, U. S. P. IX. Mel Depurat.

Clarified Honey, Honey clarified by diluting, heating, filtering, and reconcentrating.

Preparations: U. S. P.—Massa Ferri Carbonatis, Mel Rosæ.

N. F.—Confectio Rosæ, Gargarisma Guaiaci Composita, Mel Sodii Boratis, Mistura Guaiaci, Oxymel Scillæ, Pilulæ Digitalis, Scillæ et Hydrargyri, Pilulæ Opii, Digitalis et Quininæ.

MELILOTUS, N. F. IV. Part II. Melilot.

Melilot, Yellow Melilot, Yellow Sweet Clover. The dried leaves and flowering tops of *Melilotus officinalis* Lamarck. Yields not more than 10 per cent of ash.

Preparation: N. F.—Species Emollientes.

MEL ROSÆ, U. S. P. IX.

Honey of Rose. A mixture of fluid extract of rose (12) with clarified honey (to make 100).

Average dose: 4 mils or 1 fluidrachm.

Preparations: U. S. P.—Massa Hydrargyri.

N. F.—Mel Rosæ et Sodii Boratis.

MEL ROSÆ ET SODII BORATIS, N. F. IV. New.

Mel. Ros. et Sod. Bor.

Honey of Rose with Sodium Borate, Honey of Rose with Borax. A solution of sodium borate (10) in a mixture of glycerin (5) and honey of rose (85).

MEL SODII BORATIS, N. F. IV. New. Mel. Sod. Bor.

Honey of Sodium Borate, Mel Boracis, Honey and Borax. A solution of sodium borate (10) in a mixture of glycerin (5) and clarified honey (85).

MENTHA PIPERITA, U. S. P. IX. Menth. Pip.

Peppermint. Official in European pharmacopœias as Folia Menthæ Piperitæ (E). The dried leaves and flowering tops of *Mentha piperita* Linné.

Average dose: 4 gm. or 60 grains.

Preparation: U. S. P.—Spiritus Menthæ Piperitæ. (See also Oleum Menthæ Piperitæ.)

MENTHA VIRIDIS, U. S. P. IX. Menth. Vir.

Spearmint. The dried leaves and flowering tops of *Mentha spicata* Linné.

Average dose: 4 gm. or 60 grains.

Preparation: U. S. P.—Spiritus Menthæ Viridis. (See also Oleum Menthæ Viridis.)

MENTHOL, U. S. P. IX. Menthol.

Menthol. A secondary alcohol, $C_{10}H_{19}OH$ obtained from oil of peppermint or other mint oils. It melts between 42° and 44°. Tests for identity and purity.

Average dose: 0.06 gm. or 1 grain.

Preparations: N. F.—Inunctum Mentholis, Inunctum Mentholis Compositum, Liquor Antisepticus, Liquor Pepsini Antisepticus, Menthol Camphoratum, Nebula Aromaticæ, Nebula Mentholis, Nebula Metholis Composita, Petroxolinum Mentholis, Pulvis Antisepticus.

MENTHOL CAMPHORATUM, N. F. IV. Menthol. Camph.

Camphorated Menthol, Campho Menthol, N. F. III. Camphor and Menthol. Now a mixture of camphor (47.5), menthol (47.5), and alcohol (to make 100).

Menyanthes, N. F. IV. Part II. Menyanth.

Menyanthes, Buckbean, Marsh Trefoil. The dried leaves of *Menyanthes trifoliata* Linné. Yields not more than 10 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparation: N. F.—Vinum Aurantii Compositum.

Methylis Salicylas, U. S. P. IX. Methyl. Salicyl.

Methyl Salicylate, Oleum Gaultheriæ, U. S. P. VIII, Oil of Wintergreen, Oleum Betulæ, U. S. P. VIII, Oil of Sweet Birch, Oil of Teaberry. Contains not less than 98 per cent of $CH_3C_7H_5O_3$. It is produced synthetically or is obtained by distillation from *Gaultheria procumbens* Linné or from *Betula lenta* Linné. The label must indicate its nature and origin. Specific gravity of natural oil, 1.172 to 1.182 of synthetic product 1.180 to 1.185. It boils between 218° and 221°. Tests for identity and purity and a method of assay.

Average dose: 0.75 mil or 12 minims.

Preparations: U. S. P.—Emulsum Olei Morrhuæ, Fluidextractum Cascaræ Sagradæ Aromaticum, Syrupus Sarsaparillæ Compositus.

N. F.—Cataplasma Kaolini, Inunctum Mentholis Compositum, Liquor Antisepticus, Liquor Antisepticus Alkalinus, Nebula Aromatica, Nebula Mentholis Composita, Petroxolinum Methylis Salicylates; (Also as flavoring in other preparations.)

Methylthioninæ Chloridum, U. S. P. IX. Methylthionin. Chlor

Methylthionine Chloride, Methylene Blue, Methylthioninæ Hydrochloridum, U. S. P. VIII. Tetramethylthionine chloride $C_{16}H_{18}N_3ClS + 3H_2O$. Tests for identity and purity.

Average dose: 0.15 or 2½ grains.

Methylthioninæ Hydrochloridum, U. S. P. VIII.
See Methylthioninæ Chloridum, U. S. P. IX

Mezereum, U. S. P. IX.

Mezereum, Mezereon. The dried bark of *Daphne mezereum* Linné

Preparation: U. S. P.—Fluidextractum Sarsaparillæ Compositum

N. F.—Fluidextractum Mezerei.

Mistura Acaciæ, N. F. III. Deleted.

Mistura Adstringens, N. F. IV. Mist. Adstring

Astringent Mixture, Mistura Adstringens et Escharotica, N. F. III Villate's Mixture. A solution of copper sulphate (6.5) and zinc sulphate (6.5) in a mixture of solution of lead subacetate (10) an diluted acetic acid (to make 100).

Mistura Adstringens et Escharotica, N. F. III. See Mistur Adstringens, N. F. IV.

Mistura Ammonii Chloridi, N. F. IV. Mist. Ammon. Chlor.

Mixture of Ammonium Chloride, Mistura Solvens Simplex. A solution of ammonium chloride (2.5), pure extract of glycyrrhiza (2.5), pure extract of glycyrrhiza (2.5) in water (to make 100).

Average dose: 8 mils or 2 fluidrachms.

Mistura Camphoræ Acida, N. F. IV. Mist. Camph. Acid.

Acid Camphor Mixture, Mistura Antidysenterica, Hope's Mixture. A mixture of nitric acid (17.5), tincture of opium (1.2), and camphor water (to make 100).

Average dose: 8 mils or 2 fluidrachms.

Mistura Camphoræ Aromatica, N. F. IV. Mist. Camph. Arom.

Aromatic Camphor Mixture. Parrish's Camphor Mixture. A mixture of compound tincture of lavender (25) with sugar (3.5) and camphor water (to make 100).

Average dose: 8 mils or 2 fluidrachms.

Mistura Carminativa, N. F. IV. Mist. Carminat.

Carminative Mixture, Dalby's Carminative. A mixture of magnesium carbonate (6.5) potassium carbonate (0.3), tincture of opium (2.5) with oil of caraway, oil of fennel, oil of peppermint, syrup (16), and water (to make 100).

Average dose: For infants 0.5 mil or 8 minims.

Mistura Chloralis et Potassii Bromidi Composita, N. F. IV. Mist. Chloral. et Pot. Brom. Co.

Compound Mixture of Chloral and Bromide, Chloral and Bromide Compound. A mixture of hydrated chloral (20), potassium bromide (20), extract of cannabis (0.2), extract of hyoscyamus (0.2), and water (to make 100).

Average dose: 4 mils or 1 fluidrachm.

Mistura Chloroformi et Cannabis Composita, N. F. III. See Mistura Chloroformi et Merphinæ, N. F. IV.

Mistura Chloroformi et Morphina Composita, N. F. IV. Mist. Chlorof. et Morph. Co.

Compound Mixture of Chloroform and Morphine, Mistura Chloroformi et Cannabis Indicae Composita, N. F. III, Chloroform Anodyne. A mixture of chloroform (12.5), ether (3.25), tincture of cannabis (18.5), tincture of capsicum (2.5), morphine sulphate (0.25), oil of peppermint (0.2), glycerin (12.5), water (6.5), and alcohol (to make 100).

Average dose: 2 mils or 30 minims.

Misturæ Contradiarrhœam, N. F. III.

Diarrhœa Mixtures.

1. Sun Cholera Mixture, Sun Mixture, See Mistura Opii et Rhei Composita, N. F. IV.

2. Squibb's Diarrhœa Mixture, See Mistura Opii et Chloroformi Composita, N. F. IV.
3. Loomis' Diarrhœa Mixture. Deleted.
4. Thielmann's Diarrhœa Mixture. Deleted.

MISTURA COPAIBÆ, N. F. III.

1. Lafayette Mixture. See Mistura Copaiba, N. F. IV.
2. Chapman's Mixture. See Mistura Copaiba et Opii, N. F. IV.

MISTURA COPAIBA, N. F. IV. Mist. Copaib.

Copaiba Mixture, Lafayette Mixture. Contains copaiba (12.5) spirit of nitrous ether (12.5), compound tincture of lavender (12.5), solution of potassium hydroxide (3.2), syrup (30), and mucilage of acacia (to make 100).

Average dose: 8 mils or 2 fluidrachms.

MISTURA COPAIBA ET OPII, N. F. IV. Mist. Copaib. et Opii.

Mixture of Copaiba and Opium, Chapman's Mixture. Contains copaiba (25), spirit of nitrous ether (25), compound tincture of lavender (6.5), tincture of opium (3.2), mucilage of acacia (12.5), and water (to make 100).

Average dose: 4 mils or 1 fluidrachm.

MISTURA CRETÆ, U. S. P. IX. Mist. Cret.

Chalk Mixture. A mixture of compound chalk powder (20) with cinnamon water (40) and water (to make 100).

Average dose: 15 mils or 4 fluidrachms.

MISTURA FERRI COMPOSITA, N. F. IV. From U. S. P. VIII. Mist. Ferr. Co.

Compound Iron Mixture, also known as Compound Mixture of Iron, Griffith's Mixture. Contains ferrous carbonate, made by mixing ferrous sulphate (0.6), myrrh (1.8), sugar (1.8), potassium carbonate (0.8), spirit of lavender (6), and rose water (to make 100). Should be freshly prepared.

Average dose: 15 mils or 4 fluidrachms.

MISTURA GLYCYRRHIZÆ COMPOSITA, U. S. P. IX. Mist. Glycyrrh. Co.

Compound Mixture of Glycyrrhiza, Brown Mixture. Now a mixture of pure extract of glycyrrhiza (3), syrup (5), acacia (3), antimony and potassium tartrate (0.024), camphorated tincture of opium (12), spirit of nitrous ether (3), and water (to make 100).

Average dose: 10 mils or 2½ fluidrachms.

MISTURA GUAIACI, N. F. IV. Mist. Guaiac.

Mixture of Guaiac. Now contains tincture of guaiac (12.5), clarified honey, (25) and cinnamon water (to make 100).

Average dose: 15 mils or 4 fluidrachms.

MISTURA MAGNESIÆ ASAFŒTIDÆ ET OPII, N. F. IV.
Mist. Mag. Asafœt. et Opii.

Mixture of Magnesia, Asafetida and Opium, Mistura Magnesiæ et Asafœtidæ, N. F. III. Dewees' Carminative. Contains magnesium carbonate (5), tincture of asafetida (7.5), tincture of opium (1), sugar (10), and water (to make 100).

Average dose: 8 mils or 2 fluidrachms.

MISTURA MAGNESIÆ ET ASAFŒTIDÆ, N. F. III. See Mistura Magnesiæ Asafœtidæ et Opii, N. F. IV.

MISTURA OLEI PICIS, N. F. IV. Mist. Ol. Pic.

Mixture of Oil of Tar, Mistura Picis Liquidæ, Tar Mixture. Contains pure extract of glycyrrhiza (6.5), oil of tar (3.5), sugar (25), chloroform (1), oil of peppermint (0.3), alcohol (16), and water (to make 100).

Average dose: 8 mils or 2 fluidrachms.

MISTURA OLEO-BALSAMICA, N. F. IV. Mist. Ol. Balsam.

Oleo-Balsamic Mixture. Now contains oil of lavender (0.4), eugenol (0.4), oil of cinnamon (0.4), oil of thyme (0.4), oil of lemon (0.4), oil of myristica (0.4), balsam of Peru (0.4), and alcohol (to make 100).

MISTURA OPII ET CHLOROFORMI COMPOSITA, N. F. IV.
Mist. Opii et Chlorof. Co.

Compound Mixture of Opium and Chloroform. Squibb's Diarrhœa Mixture. Contains tincture of opium (20), spirit of camphor (20), tincture of capsicum (10), chloroform (8), and alcohol (to make 100).

Average dose: 2 mils or 30 minims.

MISTURA OPII ET RHEI COMPOSITA, N. F. IV.
Mist. Opii et Rhei Co.

Compound Mixture of Opium and Rhubarb, Sun Cholera Mixture. Contains tincture of capsicum (10), tincture of rhubarb (10), tincture of opium (20), spirit of camphor (20), spirit of peppermint (20), and alcohol (to make 100).

Average dose: 2 mils or 30 minims.

MISTURA OPII ET SASSAFRAS, N. F. IV. Mist. Opii et Sassaf.

Mixture of Opium and Sassafras, Mistura Sassafras et Opii, N. F. III. Mistura Opii Alkalina, Godfrey's Cordial. Contains oil of sassafras (0.1), tincture of opium (3.5), alcohol (5), potassium carbonate (0.8), syrup (32.5), and water (to make 100).

Average dose: Infants, 0.3 mil or 5 minims.

MISTURA PECTORALIS, STOKES, N. F. IV. Mist. Pect. Stokes.

Stokes' Expectorant, Stokes' Mixture. Contains ammonium carbonate (1.75), fluidextract of senega (3.5), fluidextract of squill

(3.5), camphorated tincture of opium (17.5), water (8.5), and syrup of tolu (to make 100).

Average dose: 4 mils or 1 fluidrachm.

MISTURA RHEI ALKALINA, N. F. IV. Mist. Rhei Alk.

Alkaline Mixture of Rhubarb, Neutralizing Cordial, Syrupus Rhei et Potassii Compositus, N. F. III. Contains fluidextract of rhubarb (1.6), fluidextract of hydrastis (0.8), potassium carbonate (1.6), tincture of cinnamon (6.4), spirit of peppermint (0.8), syrup (25), and alcohol (to make 100).

Average dose: 4 mils or 1 fluidrachm.

MISTURA RHEI COMPOSITA, N. F. III. Deleted.

MISTURA RHEI COMPOSITA, N. F. IV. From U. S. P. VIII. Mist. Rhei Co.

Compound Mixture of Rhubarb, Mistura Rhei et Sodæ, U. S. P. VIII. Mixture of Rhubarb and Soda. Contains sodium bicarbonate (3.5), fluidextract of rhubarb (1.5), fluidextract of ipecac (0.3), glycerin (35), spirit of peppermint (3.5), and water (to make 100).

Average dose: 4 mils or 1 fluidrachm.

MISTURA RHEI ET SODÆ, U. S. P. VIII. See Mistura Rhei Composita, N. F. IV.

MISTURA SASSAFRAS ET OPII, N. F. III. See Mistura Opii et Sassafras, N. F. IV.

MISTURA SODÆ ET MENTHÆ, N. F. III. See Liquor Sodæ et Menthæ, N. F. IV.

MISTURA SPLENETICA, N. F. III. Deleted.

MISTURA SULPHURICA ACIDA, N. F. III. Deleted.

MORPHINA, U. S. P. IX.

Morphine. An alkaloid $C_{17}H_{19}O_3N+H_2O$, obtained from opium. Tests for identity and purity.

Average dose: 0.008 gm. or ⅛ grain.

MORPHINÆ ACETAS, U. S. P. VIII. Deleted.

MORPHINÆ HYDROCHLORIDUM, U. S. P. IX. Morph. Hydrochl.

Morphine Hydrochloride, Morphine Chloride. Official in European pharmacopœias as Morphinum Hydrochloricum (E), Chloretum Morphicum (S). The hydrochloride $C_{17}H_{19}O_3N.HCl+3H_2O$ of the alkaloid morphine. Tests for identity and purity.

Average dose: 0.008 gm. or ⅛ grain.

Preparation: N. F.—Syrupus Morphinæ et Acaciæ.

MORPHINÆ SULPHAS, U. S. P. IX. Morph. Sulph.

Morphine Sulphate. Official in the Japanese pharmacopœia as Morphinum Sulfuricum. The sulphate $(C_{17}H_{19}O_3N)_2.H_2SO_4+5H_2O$ of the alkaloid morphine. Tests for identity and purity.

Average dose: 0.008 gm. or ⅛ grain.

Preparations: N. F.—Mistura Chloroformi et Morphinæ Composita Syrupus Pini Strobi Compositus Cum Morphina.

MOSCHUS, U. S. P. IX. Mosch.

Musk, Tonquin Musk, Deer Musk. The dried secretion from the preputial follicles of *Moschus moschiferus* Linné. Tests for identity and purity.

Average dose: 0.25 gm. or 4 grains.

Preparation: U. S. P.—Tinctura Moschi.

MUCILAGO ACACIÆ, U. S. P. IX. Mucil. Acac.

Mucilage of Acacia. Official in European pharmacopœias as Mucilago Gummi Arabici (E). A solution of acacia (35) in distilled water (to make 100).

Average dose: 15 mils or 4 fluidrachms.

Preparations: N. F.—Mistura Copaibæ, Mistura Copaibæ et Opii.

MUCILAGO CHONDRI, N. F. IV. Mucil. Chondr.

Mucilage of Chondrus, Mucilage of Irish Moss. Made by heating chondrus (3) with water (to make 100).

MUCILAGO CYDONII, N. F. III. Deleted.

MUCILAGO DEXTRINI, N. F. III. Deleted.

MUCILAGO SALEP, N. F. III. Deleted.

MUCILAGO SASSAFRAS MEDULLÆ, N. F. IV. From U. S. P. VIII.
Mucil. Sassaf. Medul.

Mucilage of Sassafras Pith. Made by macerating sassafras pith (2) with water (to make 100). Should be freshly prepared.

Average dose: 15 mils or 4 fluidrachms.

MUCILAGO TRAGACANTHÆ, U. S. P. IX. Mucil. Trag.

Mucilage of Tragacanth. A mixture of tragacanth (6) glycerin (18), and water (to make 100).

Preparation: N. F.—Trochisci Menthæ Piperitæ.

MUCILAGO ULMI, U. S. P. VIII. Deleted.

MULLÆ, N. F. IV.

Mulls, Salve Mulls, Steatins. A general description. A definition and a method for making.

MULLA ACIDI SALICYLICI, N. F. IV. Mull. Acid. Salicyl.

Salicylic Acid Mull, Unguentum Salicylatum Extensum, N. F. III. A mixture of salicylic acid (10), benzoinated suet (80), and benzoinated lard (to make 100).

MULLA CREOSOTI SALICYLATA, N. F. IV. Mull. Creosot. Salicyl.

Salicylated Creosote Mull, Unguentum Creosoti Salicylatum Extensum, N. F. III. A mixture of salicylic acid (10), creosote (20), yellow wax (5), and benzoinated suet (to make 100).

MULLA HYDRARGYRI CHLORIDI CORROSIVI, N. F. IV. Mull. Hydrarg. Chlor. Corros.

Corrosive Mercuric Chloride Mull, Unguentum Hydrargyri Chloridi, Corrosivi Extensum, N. F. III. A mixture of corrosive mercuric chloride (0.2), alcohol (6), benzoinated suet (90), and benzoinated lard (to make 100).

MULLA ZINCI, N. F. IV. Mull. Zinc.

Zinc Mull, Unguentum Zinci Extensum, N. F. III. A mixture of zinc oxide (10), benzoinated suet (70), and benzoinated lard (to make 100).

MYRICA, N. F. IV. Part II. Myrica.

Bayberry Bark. The dried bark of the root of *Myrica cerifera* Linné without admixture of more than 5 per cent of adhering wood. Yields not more than 6 per cent of ash.

Average dose: 0.5 gm. or 8 grains.

Preparation: N. F.—Pulvis Myricæ Compositus.

MYRISTICA, U. S. P. IX. Myrist.

Myristica, Nutmeg, official in European pharmacopœias as Semen Myristicæ (E). The ripe seeds of *Myristica fragans*, Houtuyn deprived of the arilli and seed coats. Yields not more than 5 per cent of ash.

Average dose: 0.5 gm. or 8 grains.

Preparations: U. S. P.—Used in making Pulvis Aromaticus, Tinctura Lavandulæ Composita, Tinctura Rhei Aromatica.

N. F.—Acetum Opii, Cordiale Rubi Fructus, Pulvis Cretæ Aromaticus, Pulvis Gambir Compositus, Syrupus Sennæ Aromaticus.

MYRRHA, U. S. P. IX. Myrrh.

Myrrh, Gum Myrrh. Official in European pharmacopœias as Gummi-resina Myrrha (S). A gum-resin obtained from one or more species of *Commiphora*. Myrrh is not less than 35 per cent soluble in alcohol, and yields not more than 8.5 per cent of ash.

Average dose: 0.5 gm. or 8 grains.

Preparations: U. S. P.—Pilulæ Rhei Compositæ, Tinctura Myrrhæ.

N. F.—Pilulæ Aloes et Myrrhæ, Pilulæ Antiperiodicæ, Pilulæ Antiperiodicæ sine Aloe, Tinctura Aloes et Myrrhæ, Tinctura Antiperiodica, Tinctura Antiperiodica sine Aloe, Tinctura Capsici et Myrrhæ.

NAPHTHALENUM, U. S. P. VIII. Deleted.

NEBULA AROMATICA, N. F. IV. New. Nebul. Arom.
Aromatic Oil Spray. A solution of phenol (0.2), menthol (0.2), thymol (0.1), camphor (0.3), benzoic acid (0.3), eucalyptol (0.2), oil of cinnamon (0.2), oil of clove (0.2), methyl salicylate (0.5), in light liquid petrolatum (to make 100).

NEBULA EUCALYPTOLIS, N. F. IV. New. Nebul. Eucalyptol.
Eucalyptol Spray. A solution of eucalyptol (5) in light liquid petrolatum (to make 100).

NEBULA MENTHOLIS, N. F. IV. New. Nebul. Menthol.
Menthol Spray. A solution of menthol (2) in light liquid petrolatum (to make 100).

NEBULA MENTHOLIS COMPOSITA, N. F. IV. New.
Nebul. Menthol. Co.
Compound Menthol Spray. A solution of menthol (1), camphor (1), methyl salicylate (0.5), eucalyptol (0.2), and oil of cinnamon (0.2) in light liquid petrolatum (to make 100).

NEBULA THYMOLIS, N. F. IV. New. Nebul. Thymol.
Thymol Spray. A solution of thymol (1) in light liquid petrolatum (to make 100).

NITROGENII MONOXIDUM, U. S. P. IX. New. Nitrogen. Monox.

Nitrogen Monoxide, Nitrous Oxide. Nitrogen monoxide gas (N_2O). Tests for identity and purity.

NUX VOMICA, U. S. P. IX. Nux. Vom.
Nux Vomica. Included in the International Protocol as Strychni Semen (P. I.). The dried, ripe seeds of *Strychnos Nux-vomica* Linné, yielding not less than 2.5 per cent of the alkaloids of Nux Vomica and not more than 3.5 per cent of ash.

Average dose: 0.06 gm. or 1 grain.

Preparations: U. S. P.—Extractum Nucis Vomicæ, Fluidextractum Nucis Vomicæ, Tinctura Nucis Vomicæ.

OLEA INFUSA, N. F. IV. Ol. Inf.
Infused Oils. Now a mixture of the dried drug (10), alcohol (10), and ammonia water (0.2) with sesame oil (100), warmed on a water bath until the alcohol and ammonia water are dissipated. The resulting preparation is then filtered and carefully preserved.

OLEATUM ACONITINÆ, N. F. IV. Oleat. Aconitin.
Oleate of Aconitine. A solution of aconitine (2) in oleic acid (50) and olive oil (to make 100).

OLEATUM ATROPINÆ, N. F. IV. From U. S. P. VIII.
Oleat. Atrop.
Oleate of Atropine. A solution of Atropine (2) in alcohol (2), oleic acid (50), and olive oil (to make (100).

Oleatum Cocainæ, N. F. IV. From U. S. P. VIII. Oleat. Cocain.
Oleate of Cocaine. A solution of cocaine (5) in alcohol (5), oleic acid (50), and olive oil (to make 100).

Oleatum Hydrargyri, U. S. P. IX. Oleat. Hydrarg.
Oleate of Mercury. Made by mixing yellow mercuric oxide (25), alcohol (20), and oleic acid (to make 100).
Preparation: U. S. P.—Used in making Unguentum Hydrargyri.

Oleatum Quininæ, N. F. IV. From U. S. P. VIII. Oleat. Quin.
Oleate of Quinine. A solution of quinine (25) in oleic acid (to make 100).

Oleatum Veratrinæ, N. F. IV. From U. S. P. VIII.
Oleat. Veratrin.
Oleate of Veratrine. A solution of veratrine (2) in oleic acid (50) and olive oil (to make 100).

Oleatum Zinci, N. F. III. Deleted.

Oleoresina Aspidii, U. S. P. IX. Oleores. Aspid.
Oleoresin of Aspidium. Oleoresin of Malefern, Oleoresin of Male Fern. Official in European pharmacopœias as Extractum Filicis (E). Made by extracting aspidium with ether and evaporating the solvent.
Average dose: Caution: Single dose, once a day, 2 gm. or 30 grains.

Oleoresina Capsici, U. S. P. IX. Oleores. Capsic.
Oleoresin of Capsicum. Made by extracting capsicum with ether and evaporating the solvent.
Average dose: 0.03 gm. or ½ grain.
Preparation: N. F.—Emplastrum Capsici.

Oleoresina Cubebæ, U. S. P. IX. Oleores. Cubeb.
Oleoresin of Cubeb. Official in European pharmacopœias as Extractum Cubebae (E). Made by extracting cubeb with alcohol and evaporating the solvent.
Average dose: 0.5 gm. or 8 grains.
Preparation: U. S. P.—Trochisci Cubebæ.

Oleoresina Lupulini, N. F. IV. From U. S. P. VIII.
Oleores. Lupulin.
Oleoresin of Lupulin. Made by extracting lupulin with ether and evaporating the solvent.
Average dose: 0.2 mil or 3 grains.

Oleoresina Petroselini, U. S. P. IX. New. Oleores. Petrosel.
Oleoresin of Parsley Fruit, Liquid Apiol. Made by extracting parsley fruit with ether and evaporating the solvent.
Average dose: 0.5 mil or 8 minims.

OLEORESINA PIPERIS, U. S. P. IX. Oleores. Piper.

Oleoresin of Pepper. Made by extracting pepper with ether and evaporating the solvent.

Average dose: 0.03 gm. or ½ grain.

OLEORESINA ZINBIBERIS, U. S. P. IX. Oleores. Zingib.

Oleoresin of Ginger. Made by extracting ginger with ether and evaporating the solvent.

Average dose: 0.03 gm. or ½ grain.

OLEOSACCHARA, N. F. IV.

Oil-sugars, Elæosacchara. Three per cent mixtures of volatile oil with sugar.

OLEUM ADIPIS, U. S. P. VIII. Deleted.

OLEUM ÆTHEREUM, N. F. IV. From U. S. P. VIII. Ol. Æther.

Ethereal Oil. A volatile liquid consisting of equal volumes of heavy oil of wine and ether. Method of making.

OLEUM AMYGDALÆ AMARÆ, U. S. P. IX. Ol. Amygd. Amar.

Oil of bitter almond, Bitter Almond Oil. Official in European pharmacopœias as Ætheroleum Amygdalæ Amaræ (S). A volatile oil obtained by maceration and distillation from the ripe kernels of *Prunus Amygdalus amara* de Candolle and from other kernels containing amygdalin. It yields not less than 85 per cent of benzaldehyde (C_7H_6O) and not less than 2 per cent nor more than 4 per cent of hydrocyanic acid (HCN). The botanical source from which it is derived must be stated on the label.

Average dose: 0.03 mil or ½ minim.

Preparations: U. S. P.—Aqua Amygdalæ Amaræ, Spiritus Amygdalæ, Amaræ.

N. F.—Elixir Amygdalæ Compositum.

OLEUM AMYGDALÆ EXPRESSUM, U. S. P. IX. Ol. Amygd. Exp.

Expressed Almond Oil, Oil of Sweet Almond. Official in European pharmacopœias as Oleum Amygdalarum (E). A fixed oil obtained from the kernels of varieties of *Prunus Amygdalus* Stokes. Specific gravity 0.910 to 0.915. The oil remains clear at −10°. Tests for identity and purity and a method of assay.

Preparations: U. S. P.—Emulsum Olei Terebinthinæ, Unguentum Aquæ Rosæ.

N. F.—Emulsum Petrolati, Unguentum Veratrinæ, Oleum Phosphoratum.

OLEUM ANISI, U. S. P. IX. Ol. Anisi.

Oil of Anise, Oil of Star Anise, Anise Oil. Official in European pharmacopœias as Ætheroleum Anisi (S). A volatile oil distilled from the ripe fruit of *Pimpinella Anisum* Linné or from the ripe fruit of *Illicium verum* Hooker filius. The botanical source from which it is derived must be stated on the label. Specific gravity 0.978 to 0.988.

Average dose: 0.2 mil or 3 minims.

Preparations: U. S. P.—Aqua Anisi, Fluidextractum Cascaræ Sagradæ Aromaticum, Spiritus Anisi, Tinctura Opii Camphorata, Spiritus Aurantii Compositus, Syrupus Sarsaparillæ Compositus, Trochisci Glycyrrhizæ et Opii.

N. F.—Elixir Phosphori, Tinctura Pectoralis.

OLEUM AURANTII, U. S. P. IX. Ol. Aurant.

Oil of Orange, Oleum Aurantii Corticis, U. S. P. VIII, Orange Oil, Oil of Sweet Orange. A volatile oil obtained by expression from the fresh peel of sweet orange, *Citrus Aurantium sinensis* Gallesio, and its varieties. Specific gravity 0.842 to 0.846.

Average dose: 0.2 mil or 3 minims.

Preparations: U. S. P.—Spiritus Aurantii Compositus.

N. F.—Elixir Ferri Pyrophosphatis, Quininæ et Strychninæ, Liquor Ferri Peptonati, Liquor Ferri Peptonati et Mangani, Spiritus Cardamomi Compositus, Spiritus Myrciæ, Spiritus Odoratus, Spiritus Vanillini Compositus, Syrupus Quinidinæ, Trochisci Sulphuris et Potassii Bitartratis.

OLEUM AURANTII AMARI, N. F. IV. Part II. Ol. Aurant. Amar.

Oil of Bitter Orange. A volatile oil obtained by expression from the fresh peel of the bitter orange, *Citrus aurantium amara*, Linné. Tests for identity and purity.

Average dose: 0.2 mil or 3 minims.

Preparation: N. F.—Elixir Aurantii Amari.

OLEUM AURANTII CORTICIS, U. S. P. VIII. See Oleum Aurantii, U. S. P. IX.

OLEUM AURANTII FLORUM, N. F. IV. Part II. Ol. Aurant. Flor.

Oil of Orange Flowers, Oil of Neroli. A volatile oil distilled from the fresh flowers of the bitter orange, *Citrus aurantium amara*, Linné. Tests for identity and purity.

Preparation: N. F.—Spiritus Odoratus.

OLEUM BERGAMOTTÆ, N. F. IV. Part II. Ol. Bergam.

Oil of Bergamot. A volatile oil obtained by expression from the rind of the fresh fruit of *Citrus aurantium bergamia* Wight et Arnott and containing not less than 36 per cent of ester, calculated as linalyl acetate. Tests for identity and purity and a method of assay.

Preparation: N. F.—Spiritus Odoratus.

OLEUM BETULÆ, U. S. P. VIII. See Methylis Salicylas, U. S. P. IX.

OLEUM BETULÆ EMPYREUMATICUM RECTIFICATUM, N. F. IV. Part II. Ol. Bet. Empyr. Rect.

Rectified Empyroligneous Oil of Birch, Rectified Oil of Birch Tar, Oleum Rusci Rectificatum. The empyroligneous oil obtained by the dry distillation of the bark and wood of *Betula alba* Linné. Specific gravity from 0.006 to 0.950 at 25°.

Preparation: N. F.—Unguentum Resorcinolis Compositum.

OLEUM CARBOLATUM, N. F. III. See Oleum Phenolatum, N. F. IV.

OLEUM CADINUM, U. S. P. IX. Ol. Cadin.

Oil of Cade, Cade Oil, Oil of Juniper Tar, Oleum Juniperi Empyreumaticum. An ampyreumatic oil obtained by the dry distillation of the wood *Juniperus Oxycedrus* Linné. Specific gravity 0.980 to 1.055.

Preparation: N. F.—Linimentum Saponis Mollis Compositum, Petroxolinum Cadini, Petroxolinum Sulphurata Compositum, Unguentum Sulphuris Compositum.

OLEUM CAJUPUTI, U. S. P. IX. Ol. Cajup.

Oil of Cajuput, Cajuput Oil, Oil of Cajeput. A volatile oil distilled from the fresh leaves and twigs of several varieties of *Melaleuca Leucadendron* Linné especially the var. *Cajeputi* Roxburgh and the var. minor Smith. Specific gravity 0.912 to 0.925 at 25°.

Average dose: 0.5 mil or 8 minims.

Preparation: N. F.—Linimentum Tiglii.

OLEUM CARBOLATUM, N. F. III. See Oleum Phenolatum, N. F.

OLEUM CARDAMOMI, N. F. IV. Part II. Ol. Cardam.

Oil of Cardamom. A volatile oil distilled from the seeds of *Elettaria cardamomum* White et Maton. Tests for identity and purity.

Preparations: N. F.—Spiritus Cardamomi Compositus, Spiritus Vanillini Compositus.

OLEUM CARI, U. S. P. IX. Ol. Cari.

Oil of Caraway, Caraway Oil. Official in European pharmacopœias as Oleum Carvi (E), Ætheroleum Carvi (S). A volatile oil distilled from the fruit of *Carum Carvi* Linné and yielding not less than 50 per cent by volume of carvone. Specific gravity 0.900 to 0.910 at 25°. Tests for identity and purity.

Average dose: 0.2 mil or 3 minims.

Preparations: U. S. P.—Spiritus Juniperi Compositus.

N. F.—Mistura Carminativa, Pilulæ Aloes Hydrargyri et Scammonii Compositæ, Spiritus Cardamomi Compositus.

OLEUM CARYOPHYLLI, U. S. P. IX. Ol. Caryoph.

Oil of Clove, Clove oil, Oil of Cloves. A volatile oil distilled from the flower-buds of *Eugenia Aromatica* O. Kuntze, *Jambosa Carophyllus*

Niedenzu and yielding not less than 82 per cent by volume of eugenol. Specific gravity 1.038 to 1.060 at 25°. Tests for identity and purity and a method of assay.

Average dose: 0.2 mil or 3 minims.

Preparations: N. F.—Acetum Aromaticum, Elixir Glycyrrhizæ Aromaticum, Fluidglyceratum Cascaræ Sagradæ Aromaticum, Liquor Pepsini Aromaticus, Nebula Aromatica, Oleum Ricini Aromaticum, Pilulæ Colocynthidis Compositæ, Pilulæ Colocynthidis et Hysocyami, Syrupus Eriodictyi Aromaticus, Tinctura Kino et Opii Composita.

OLEUM CASSIÆ, U. S. P. IX. Ol. Cass.

Oil of Cinnamon, Cassia Oil, Oleum Cinnamomi U. S. P. VIII. A volatile oil distilled from *Cinnamomum Cassia* Blume. Yields not less than 80 per cent by volume of cinnamic aldehyde, C_9H_8O. Tests for identity and purity and a method of assay.

Average dose: 0.2 mil or 3 minims.

Preparations: U. S. P.—Aqua Cinnamomi, Fluidglyceratum Cascaræ Sagradæ Aromaticum, Spiritus Cinnamomi. Used in making Acidum Sulphuricum Aromaticum.

N. F.—Acetum Aromaticum, Elixir Glycyrrhizæ Aromaticum, Liquor Pepsini Aromaticus, Mistura Oleo-Balsamica, Fluidglyceratum Cascaræ Sagradæ Aromaticum, Nebula Aromaticum, Nebula Mentholis Composita, Oleum Ricini Aromaticum, Spiritus Cardamomi Compositus, Spiritus Vanillini Compositus, Syrupus Rhamni Catharticæ, Trochisci Gambir.

OLEUM CHENOPODII, U. S. P. IX. Ol. Chenopod.

Oil of Chenopodium, Oil of American Wormseed. A volatile oil distilled from *Chenopodium ambrosioides anthelminticum* Linné. Specific gravity 0.955 to 0.980 at 25°.

Average dose: 0.2 mil or 3 minims.

OLEUM CINNAMOMI, U. S. P. VIII. See Oleum Cassiæ, U. S. P. IX.

OLEUM COPAIBÆ, U. S. P. VIII. Deleted.

OLEUM CORIANDRI, U. S. P. IX. Ol. Coriand.

Oil of Coriander, Coriander Oil. A volatile oil distilled from the ripe fruit of *Coriander Sativum* Linné. Specific gravity 0.863 to 0.875.

Average dose: 0.2 mil or 3 minims.

Preparations: U. S. P.—Fluidextractum Cascaræ Sagradæ Aromaticum, Syrupus Sennæ, Spiritus Aurantii Compositus.

N. F.—Confectio Sennæ.

OLEUM CUBEBÆ, U. S. P. IX. Ol. Cubeb.

Oil of Cubeb, Cubeb Oil. A volatile oil distilled from the unripe fruit of *Piper Cubeba* Linné filius. Specific gravity from 0.905 to 0.925.

Average dose: 0.5 mil or 8 minims.

OLEUM ERIGERONTIS, U. S. P. VIII. Deleted.

OLEUM EUCALYPTI, U. S. P. IX. Ol. Eucalypt.

Oil of Eucalyptus, Eucalyptus Oil. A volatile oil distilled from the fresh leaves of *Eucalyptus Globulus* Labillardière or from some other species of *Eucalyptus* and yielding not less than 70 per cent by volume of eucalyptol (cineol) $C_{10}H_{18}O$.

Average dose: 0.5 mil or 8 minims.

OLEUM FŒNICULI, U. S. P. IX. Ol. Fœnic.

Oil of Fennel, Fennel Oil. Official in European pharmacopœias as Oleum Fœniculi (S). A volatile oil distilled from the ripe fruit collected from cultivated varieties of *Fœniculum vulgare* Miller. Tests for identity and purity. Congealing point does not fall below 3°.

Average dose: 0.2 mil or 3 minims.

Preparations: U. S. P.—Aqua Fœniculi, Pulvis Glycyrrhizæ Compositus, Spiritus Juniperi Compositus.

N. F.—Elixir Anisi, Elixir Glycyrrhizæ Aromaticum, Fluidglyceratum Cascaræ Sagradæ Aromaticum, Mistura Carminativa, Pilulæ ad Prandium, Chapman's, Syrupus Ficorum Compositus, Syrupus Rhamnus Catharticæ.

OLEUM GAULTHERIÆ, U. S. P. VIII. See Methylis Salicylas, U. S. P. IX.

OLEUM GOSSYPII SEMINIS, U. S. P. IX. Ol. Gossyp. Sem.

Cottonseed Oil. A fixed oil obtained from seeds of cultivated varieties of *Gossypium herbaceum* Linné or of other species of *Gossypium*. Tests for identity and purity.

Preparations: U. S. P.—Linimentum Camphoræ.

N. F.—Unguentum Picis Compositum. Used in making Sapo Mollis.

OLEUM HEDEOMÆ, U. S. P. VIII. Deleted.

OLEUM HYOSCYAMI COMPOSITUM, N. F. IV. Ol. Hyoscy. Co.

Compound Oil of Hyoscyamus, Balsamum Tranquillans, Tranquille Balsam. A mixture of oil of lavender (2), oil of peppermint (2), oil of rosemary (2), and oil of thyme (2) with infused oil of hyoscyamus (to make 100).

OLEUM JUNIPERI, U. S. P. IX. Ol. Junip.

Oil of Juniper, Juniper Oil, Oil of Juniper Berries. Official in European pharmacopœias as Ætheroleum Juniperi (S). A volatile oil distilled from the ripe fruit of *Juniperus communis* Linné. Tests for identity and purity.

Average dose: 0:2 mil or 3 minims.

Preparations: U. S. P.—Spiritus Juniperi, Spiritus Juniperi Compositus.

N. F.—Acetum Aromaticum.

OLEUM LAVANDULÆ, U. S. P. IX. Ol. Lavand.

Oil of Lavender, Oleum Lavendulæ Florum U. S. P. VIII. Official in European pharmacopœias as Ætheroleum Lavandulæ (S). A volatile oil distilled from fresh flowering tops of *Lavandula* vera De Candolle. Tests for identity and purity.

Average dose: 0.2 mil or 3 minims.

Preparations: U. S. P.—Linimentum Saponis Mollis, Spiritus Ammoniæ Aromaticus, Spiritus Lavandulæ, Tinctura Lavandulæ Composita, Unguentum Diachylon.

N. F.—Acetum Aromaticum, Linimentum Ammonii Iodidi, Mistura Oleo-Balsamica, Oleum Hyoscyami Compositum, Petroxolinum Iodi, Petroxolinum Liquidum, Petroxolinum Spissum, Spiritus Odoratus.

OLEUM LAVANDULÆ FLORUM, U. S. P. VIII. See Oleum Lavandulæ, U. S. P. IX.

OLEUM LIMONIS, U. S. P. IX. Ol. Limon.

Oil of Lemon, Lemon Oil. Official in European pharmacopœias as Ætheroleum Citri (S). A volatile oil obtained by expression from the fresh peel of the ripe fruit of *Citrus medica Limonum* Hooker filius and yielding not less than 4 per cent of the aldehydes from oil of lemon calculated as citral, $C_{10}H_{16}O$. Tests for identity and purity and a method of assay.

Average dose: 0.2 mil or 3 minims.

Preparations: U. S. P.—Spiritus Ammoniæ Aromaticus, Spiritus Aurantii Compositus.

N. F.—Acetum Aromaticum, Linimentum Terebinthinæ Aceticum, Mistura Oleo-Balsamica, Spiritus Odoratus, Syrupus Eriodictyi Aromaticus, Syrupus Sennæ Aromaticus.

OLEUM LINI, U. S. P. IX. Ol. Lini.

Linseed Oil, Oil of Flaxseed, Raw Linseed Oil. A fixed oil obtained from linseed. Tests for identity and purity.

Average dose: 30 mils or 1 fluidounce.

Preparations: U. S. P.—Linimentum Calcis, Liquor Cresolis Compositus.

N. F.—Ceratum Resinæ Compositum, Pasta Zinci Mollis, Petroxolinum Sulphurata.

OLEUM MENTHÆ PIPERITÆ, U. S. P. IX. Ol. Menth. Pip.

Oil of Peppermint, Peppermint Oil. Official in European pharmacopœias as Ætheroleum Menthæ Piperitæ (S). A volatile oil distilled from the flowering plant of *Mentha piperita* Linné, rectified by steam distillation and yielding not less than 5 per cent of esters, calculated as menthyl acetate, $C_{10}H_{19}C_2H_3O_2$, and not less than 50 per cent of total menthol ($C_{10}H_{19}OH$), free and as esters. Tests for identity and purity and a method of assay.

Average dose: 0.2 mil or 3 minims.

Preparations: U. S. P.—Aqua Menthæ Piperitæ, Pilulæ Rhei Compositæ, Spiritus Menthæ Piperitæ.

N. F.—Acetum Aromaticum Cataplasma Kaolini, Gargarisma Guaica Composita, Linimentum Opii Compositum, Liquor Antisepticus Alkalinus. Liquor Pepsini Aromaticus, Mistura Carminativa, Mistura Chloroformi et Morphinæ Composita, Mistura Olei Picis, Oleum Hyoscyami Compositum, Pilulæ Catharticæ Vegetabiles, Trochisci Menthæ Piperitæ.

OLEUM MENTHÆ VIRIDIS, U. S. P. IX. Ol. Menth. Vir.

Oil of Spearmint, Spearmint Oil. A volatile oil distilled from the flowering plant of *Mentha spicata* Linné and yielding not less than 43 per cent by volume of carvone, $C_{10}H_{14}O$. Tests for identity and purity and a method of assay.

Average dose: 0.2 mil or 3 minims.

Preparations: U. S. P.—Aqua Menthæ Viridis (which see) Spiritus Menthæ Viridis.

OLEUM MORRHUÆ, U. S. P. IX. Ol. Morrh.

Cod Liver Oil. Official in European pharmacopœias as Oleum Jecoris Aselli (E). A fixed oil obtained from the fresh livers of *Gadus Morrhua* Linné and of other species of *Gadus*. Tests for identity and purity.

Average dose: 10 mils or 2½ fluidrachms.

Preparations: U. S. P.—Emulsum Olei Morrhuæ.

N. F.—Emulsum Olei Morrhuæ cum Calcii Lactophosphate, Emulsum Olei Morrhuæ cum Calcii Phosphate, Emulsum Olei Morrhuæ cum Hypophosphitibus, Emulsum Olei Morrhuæ cum Malto, Emulsum Olei Morrhuæ cum Pruno Virginiana, Emulsum Olei Morrhuæ cum Vitello.

OLEUM MYRCIÆ, N. F. IV. Part II. Ol. Myrc.

Oil of Myrcia, Oil of Bay. A volatile oil distilled from the leaves of *Pimenta acris* Wight. Tests for identity and purity.

Preparation: N. F.—Spiritus Myrciæ Compositus.

OLEUM MYRISTICÆ, U. S. P. IX. Ol. Myrist.

Oil of Myristica, Myristica Oil, Oil of Nutmeg. A volatile oil distilled from the kernel of the ripe seed of *Myristica fragrans* Houttuyn. Tests for identity and purity.

Average dose: 0.2 mil or 3 minims.

Preparations: U. S. P.—Spiritus Ammoniæ Aromaticus.

N. F.—Elixir Glycyrrhizæ Aromaticum, Elixir Pepsini et Rennini Compositum, Mistura Oleo-Balsamica.

OLEUM OLIVÆ, U. S. P. IX. Ol. Oliv.

Olive Oil. Official in European pharmacopœias as Oleum Olivarum (E). A fixed oil obtained from the ripe fruit of *Oleo europœa* Linné.

Average dose: 30 mils or 1 fluidounce.

Preparations: U. S. P.—Unguentum Diachylon.

N. F.—Emplastrum Fuscum Camphoratum, Linimentum Tiglii Compositum, Oleatum Aconitinæ, Oleatum Atropinæ, Oleatum Cocainæ, Oleatum Veratrinæ, Oleum Phenolatum, Unguentum Fuscum.

OLEUM PHENOLATUM, N. F. IV. Ol. Phenol.

Phenolated Oil, Oleum Carbolatum, N. F. III. Carbolized Oil. A solution of phenol (5) in olive oil (to make 100).

OLEUM PHOSPHORATUM, N. F. IV. Ol. Phosphorat.

Phosphorated Oil. A solution of Phosphorus (1) in ether mixed with expressed oil of almond (to make 100).

Average dose: 0.05 mil or 1 minim.

OLEUM PICIS LIQUIDÆ, U. S. P. VIII. See Oleum Picis Liquidæ Rectificatum, U. S. P. IX.

OLEUM PICIS LIQUIDÆ RECTIFICATUM, U. S. P. IX. Ol. Pic. Liq. Rect.

Rectified Oil of Tar, Rectified Tar Oil. A rectified volatile oil distilled from tar. Tests for identity.

Average dose: 0.2 mil or 3 minims.

Preparations: N. F.—Mistura Olei Picis, Petroxolinum Picis, Unguentum Picis Compositum.

OLEUM PIMENTÆ, U. S. P. IX. Ol. Piment.

Oil of Pimenta, Pimento Oil, Oil of Allspice. A volatile oil distilled from the fruit of *Pimenta officinalis* Lindley yielding not less than 65 per cent by volume of eugenol, $C_{10}H_{12}O_2$. Tests for identity and purity and a method of assay.

Average dose: 0.2 mil or 3 minims.

Preparation: N. F.—Spiritus Myrciæ.

OLEUM PINI PUMILIONIS, U. S. P. IX. New. Ol. Pin. Pumil.

Oil of Dwarf Pine Needles. Dwarf Pine Oil. A volatile oil distilled from the fresh leaves of *Pinus montana* Miller. Tests for identity and purity.

OLEUM RICINI, U. S. P. IX. Ol. Ricin.

Castor Oil. A fixed oil obtained from the seeds of *Ricinus communis* Linné. Tests for identity and purity.

Average dose: 15 mils or 4 fluidrachms.

Preparations: U. S. P.—Collodium Flexile.

N. F.—Emulsum Olei Ricini, Linimentum Sinapis Compositum, Oleum Ricini Aromaticum, Pilulæ Antimonii Compositæ.

Oleum Ricini Aromaticum, N. F. IV. New. Ol. Ricin. Arom.

Aromatic Castor Oil. A mixture of benzosulphinide (0.05), oil of cinnamon (0.3), oil of clove (0.1), vanillin (0.1), coumarin (0.01), alcohol (3), and castor oil (to make 100).

Average dose: 15 mils or 4 fluidrachms.

Oleum Rosæ, U. S. P. VIII. Deleted.

Oleum Rosmarini, U. S. P. IX. Ol. Rosmar.

Oil of Rosemary, Rosemary Oil. Official in European pharmacopœias as Ætheroleum Rosmarini (S). A volatile oil distilled from the fresh flowering tops of *Rosmarinus officinalis* Linné, yielding not less than 2.5 per cent of ester, calculated as bornyl acetate, ($C_{10}H_{17}C_2H_3O_2$) and not less than 10 per cent of total borneol ($C_{10}H_{17}OH$).

Average dose: 0.2 mil or 3 minims.

Preparations: U. S. P.—Linimentum Saponis, Tinctura Lavandulæ Composita.

N. F.—Acetum Aromaticum, Linimentum Ammonii Iodidi, Linimentum Saponato-Camphoratum, Oleum Hyoscyami Compositum, Spiritus Odoratus.

Oleum Sabinæ, U. S. P. VIII. Deleted.

Oleum Santali, U. S. P. IX. Ol. Santal.

Oil of Santal, Santalwood Oil, Oil of Sandalwood. A volatile oil distilled from the wood of *Santalum album* Linné yielding not less than 90 per cent of alcohols, calculated as santalol. Tests for identity and purity and a method of assay.

Average dose: 0.5 mil or 8 minims.

Oleum Sassafras, U. S. P. IX. Ol. Sassaf.

Oil of Sassafras, Sassafras Oil. A volatile oil distilled from the root of *Sassafras variifolium* O. Kuntze. Tests for identity and purity.

Average dose: 0.2 mil or 3 minims.

Preparations: U. S. P.—Syrupus Sarsaparillæ Compositus, Trochisci Cubebæ.

N. F.—Linimentum Tiglii Compositum, Mistura Opii et Sassafras Morphinæ et Acaciæ, Syrupus Pini Strobi Compositus, Syrupus Pini Strobi Compositus cum Morphina.

Oleum Sesami, U. S. P. IX. New. Ol. Sesam.

Sesame Oil, Teel Oil, Benne Oil. A fixed oil obtained from the seeds of one or more cultivated varieties of *Sesamum indicum* Linné. Tests for identity and purity.

Preparations: N. F.—Olea Infusa.

Oleum Sinapis Volatile, U. S. P. IX. Ol. Sinap. Vol.

Volatile oil of Mustard, Mustard Oil. Official in European pharmacopœias as Oleum Sinapis Æthereum (E). A volatile oil produced synthetically or obtained from the seed of *Brassica nigra* Koch by maceration with water and subsequent distillation. Yields not less than 92 per cent of allyl isothiocyanate (C_3H_5SCN). Tests for identity and purity and a method of assay.

Average dose: 0.008 mil or ⅛ minim.

Preparations: N. F.—Linimentum Sinapis Compositum, Spiritus Sinapis.

OLEUM TEREBINTHINÆ, U. S. P. IX. Ol. Tereb.

Oil of Turpentine, Turpentine Oil, "Spirits of Turpentine." Official in European pharmacopœias Ætheroleum Terebinthinæ Crudum (S). The volatile oil distilled with water, from the concrete oleoresin obtained from *Pinus palustris* Miller or from other species of *Pinus*. Tests for identity and purity.

Preparations: U. S. P.—Ceratum Cantharidis, Linimentum Terebinthinæ, Oleum Terebinthinæ Rectificatum.

N. F.—Linimentum Opii Compositum, Linimentum Terebinthinæ Aceticum, Linimentum Tiglii Compositum, Petroxolinum, Sulphurata Composita.

OLEUM TEREBINTHINÆ RECTIFICATUM, U. S. P. IX. Ol. Tereb. Rect.

Rectified Oil of Turpentine, Rectified Turpentine Oil. Official in European pharmacopœias as Ætheroleum Terebinthinæ Rectificatum (S). Oil of Turpentine rectified by shaking with solution of sodium hydroxide and distilling the mixture.

Average dose: 0.3 mil or 5 minims.

Preparation: U. S. P.—Emulsum Olei Terebinthinæ.

OLEUM THEOBROMATIS, U. S. P. IX. Ol. Theobrom.

Oil of Theobroma, Butter of Cacao, Cacao Butter. Official in European pharmacopœias as Oleum Cacao (E). A concrete, fixed oil obtained from the roasted seeds of *Theobroma Cacao* Linné. Tests for identity and purity.

Preparations: U. S. P.—Used in making suppositoria.

N. F.—Trochisci Quininæ Tannatis.

OLEUM THYMI, U. S. P. IX. Ol. Thymi.

Oil of Thyme, Thyme Oil. Official in European pharmacopœias as Ætheroleum Thymi (S). A volatile oil distilled from the flowering plant of *Thymus vulgaris* Linné. Contains not less than 20 per cent, by volume, of phenols.

Average dose: 0.2 mil or 3 minims.

Preparations: N. F.—Linimentum Saponato-Camphoratum, Liquor Antisepticus, Liquor Zinci et Alumini Compositus, Liquor Zinci et Ferri Compositus, Mistura Oleo-Balsamica, Oleum Hyoscyamus Compositum.

OLEUM TIGLII, U. S. P. IX. Ol. Tiglii.

Croton Oil. Official in European pharmacopœias as Oleum Crotonis (E). A fixed oil expressed from the seeds of *Croton Tiglium* Linné. Tests for identity and purity.

Average dose: 0.05 mil or 1 minim.

Preparations: N. F.—Collodium Tiglii, Linimentum Tiglii, Linimentum Tiglii Compositum, Pilulæ Aloes Hydrargyri et Scammonii Compositæ.

OPII PULVIS, U. S. P. IX. Opii Pulv.

Powdered Opium, Included in the International Protocol as Pulvis Opii (P. I.). Opium dried at a temperature not exceeding 70° reduced to a very low powder and yielding from 10 to 10.5 per cent of anhydrous morphine. Method of assay.

Average dose: 0.06 gm. or 1 grain.

Preparations: U. S. P.—Pulvis Ipecacuanhæ et Opii, Tinctura Opii Camphorata, Trochisci Glycyrrhizæ et Opii.

N. F.—Acetum Opii, Pilulæ Opii, Digitalis et Quininæ, Pilulæ Opii et Camphoræ, Pilulæ Opii et Plumbi, Pulvis Cretæ Aromaticus cum Opio, Pulvis Kino et Opii Compositus.

OPIUM, U. S. P. IX.

Opium. The air-dried, milky exudation obtained from the unripe capsules of *Papaver somniferum* Linné. Yields not less than 9.5 per cent of anhydrous morphine. Method of assay.

Average dose: 0.06 gm. or 1 grain.

Preparations: U. S. P.—Extractum Opii, Opii Pulvis (which see), Opium Deodoratum, Opium Granulatum (which see).

OPIUM DEODORATUM, U. S. P. IX. Opium Deod.

Deodorized Opium. Powdered opium deodorized by extraction with purified petroleum benzin. Yields from 10 to 10.5 per cent of anhydrous morphine. Method of assay.

Average dose: 0.06 gm. or 1 grain.

OPIUM GRANULATUM, U. S. P. IX. Opium Gran.

Granulated Opium. Opium dried at not exceeding 70° and granulated yields from 10 to 10.5 per cent of anhydrous morphine. Method of assay.

Average dose: 0.06 gm. or 1 grain.

Preparations: U. S. P.—Tinctura Opii (which see), Tinctura Opii Deodorati.

N. F.—Tinctura Opii Crocata.

OVI ALBUMEN RECENS. N. F. IV. Part II. Ovi Album.

Fresh Egg Albumen. The freshly separated liquid white of recently laid eggs of the hen *Gallus domesticus* Temminck.

Preparations: N. F.—Linimentum Opii Compositum, Liquor Ferri Albuminati; Used in making Liquor Ferri Peptonati, Liquor Ferri Peptonati et Mangani.

OVI VITELLUM RECENS, N. F. IV. Part II. Ovi Vitel.
Fresh Egg Yolk. The freshly separated yolk of recently laid eggs of the hen, *Gallus domesticus* Temminck.
Preparations: N. F.—Glyceritum Vitelli (which see), Linimentum Terebinthinæ Aceticum.

OVUM GALLINACEUM, N. F. IV. Part II. Ovum Gallin.
Fresh Egg, Hen's Egg. The recently laid egg of the hen *Gallus domesticus* Temminck.
Preparation: N. F.—Linimentum Terebinthinæ Aceticum.

OXYGENIUM, U. S. P. IX. New. Oxygen.
Oxygen. Contains not less than 95 per cent, by volume, of O. Tests for identity and purity and a method of assay.

OXYMEL SCILLÆ, N. F. IV. Oxymel. Scill.
Oxymel of Squill. A mixture of the extractive, in vinegar, of squill (50) with clarified honey (to make 100).
Average dose: 4 mils or 1 fluidrachm.

PANCREATINUM, U. S. P. IX. Pancreat.
Pancreatin. A mixture of enzymes, consisting principally of amylopsin, trypsin and steapsin, naturally existing in the pancreas of warm-blooded animals, obtained from the fresh pancreas of the hog *Sus scrofa* var. *domesticus* Gray, or of the ox *Bos taurus* Linné. Converts not less than 25 times its own weight of starch into sugars.
Average dose: 0.5 gm. or 8 grains.
Preparations: N. F.—Liquor Pancreatini, Pulvis Pancreatini Compositus.

PAPAVERIS FRUCTUS, N. F. IV. Part II. Papav. Fruct.
Poppy Capsules. The dried, fully grown, unripe fruit of *Papaver somniferum* Linné. In making pharmaceutical preparations the seeds are to be rejected.
Average dose: 1 gm. or 15 grains.
Preparation: N. F.—Syrupus Papaveris.

PARACOTO, N. F. IV. Part II. Paracot.
Paracoto. The dried bark of an unidentified tree indigenous to Northern Bolivia. Yields not more than 3 per cent of ash.
Average dose: 0.3 gm. or 5 grains.
Preparations: N. F.—Fluidextractum Paracoto, Tinctura Paracoto.

PARAFFINUM, U. S. P. IX. Paraff.

Paraffin. Official in European pharmacopœias as Paraffinum Solidum (E). A purified mixture of solid hydrocarbons. Tests for identity and purity.

Preparations: U. S. P.—Unguentum Acidi Borici.

N. F.—Ceratum Plumbi Subacetatis.

PARAFORMALDEHYDUM, U. S. P. IX. New. Paraform.

Paraformaldehyde, Paraform. Official in European pharmacopœias as Trioxymethylenum (E). Contains not less than 95 per cent of $(HCHO)_3$, a polymeric form of formaldehyde. Tests for identity and purity and a method of assay.

Average dose: 0.5 gm. or 8 grains.

PARALDEHYDUM, U. S. P. IX. Paraldehyd.

Paraldehyde. A polymer $(CH_3CHO)_3$ of acetaldehyde. Tests for identity and purity.

Average dose: 2 mils or 30 minims.

PAREIRA, N. F. IV. Part II. From U. S. P. VIII. Pareir.

Pareira, Pareira Brava. The dried roots of *Chondrodendron tomentosum* Ruiz et Pavon without admixture of more than 5 per cent of stems and other foreign matter.

Average dose: 2 gm. or 30 grains.

Preparation: N. F.—Fluidextractum Pareiræ.

PASSIFLORA, N. F. IV. Part II. Passiflor.

Passion Flower, Passion Vine. The dried herbage of *Passiflora incarnata* Linné collected after some of the berries have matured. Yields not more than 12 per cent of ash.

Average dose: 0.2 gm. or 3 grains.

Preparation: N. F.—Tinctura Passifloræ.

PASTÆ DERMATOLOGICÆ, N. F. IV.

Dermatologic Pastes. Ointment like medicaments for external use.

PASTA BETANAPHTHOLIS, N. F. IV. Past. Betanaphthol.

Betanaphthol Paste, Lassar's Naphthol Paste. A mixture of betanaphthol (10), precipitated sulphur (50), petrolatum (20), and soft soap (to make 100).

PASTA DEXTRINATA, N. F. IV. Past. Dextrin.

Dextrinated Paste. A mixture of white dextrin (33), glycerin (33), and water (to make 100).

PASTA ICHTHYOLI, Unna, N. F. III. Deleted.

PASTA NAPHTHOLI, Lassar, N. F. III. See Pasta Betanaphtholis, N. F. IV.

PASTA RESORCINI MITIS, Lassar, N. F. III. See Pasta Resorcinolis Mitis, N. F. IV.

PASTA RESORCINOLIS FORTIS, N. F. IV. Past. Resorcin. Fort.
Strong Resorcinol Paste, Lassar's Stronger Resorcinol Paste. A mixture of resorcinol (20), zinc oxide (20), starch (20), and heavy liquid petrolatum (to make 100).

PASTA RESORCINOLIS MITIS, N. F. IV. Past. Resorcin. Mit.
Mild Resorcinol Paste. A mixture of resorcinol (10), zinc oxide (25), starch (25), and heavy liquid petrolatum (to make 100).

PASTA ZINCI, N. F. IV. Past. Zinc.
Zinc Paste, Lassar's Zinc Paste. A mixture of salicylic acid (2), zinc oxide (24), starch (24), and petrolatum (to make 100).

PASTA ZINCI, Lassar, N. F. III. See Pasta Zinci, N. F. IV.

PASTA ZINCI MOLLIS, N. F. IV. Past. Zinc. Moll.
Soft Zinc Paste, Unna's Soft Zinc Paste. A mixture of zinc oxide (25), precipitated calcium carbonate (25), linseed oil (25), and solution of calcium hydroxide (to make 100).

PASTA ZINCI MOLLIS, Unna, N. F. III. See Pasta Zinci Mollis, N. F. IV.

PASTA ZINCI SULPHURATA, N. F. IV. Past. Zinc. Sulphur.
Sulphurated Zinc Paste, Unna's Sulphurated Zinc Paste. A mixture of zinc oxide (15), precipitated sulphur (10), purified silicious earth (5), and benzoinated lard (to make 100).

PASTA ZINCI SULPHURATA, N. F. III. See Pasta Zinci Sulphurata, N. F. IV.

PELLETIERINÆ TANNAS, U. S. P. IX. Pellet. Tann.
Pelletierine Tannate. A mixture of the tannates of four alkaloids (punicine, iso-punicine, methyl-punicine, and pseudopunicine) obtained from pomegranate. Tests for identity and purity.

Average dose: 0.25 gm. or 4 grains.

PEPO, U. S. P. IX. Pepo
Pepo, Pumpkin Seed. The dried ripe seeds of cultivated varieties of *Cucurbita Pepo* without admixture of more than 5 per cent of other substances.

Average dose: 30 gm. or 1 ounce.

PEPSINUM, U. S. P. IX. Pepsin.
Pepsin. Contains a proteolytic enzyme, obtained from the glandular layer of the fresh stomach of the hog *Sus scrofa*, var. *domesticus* Gray. Digests not less than 3,000 times its own weight of freshly coagulated and disintegrated egg albumen. Tests for identity and purity and a method of assay.

Average dose: 0.5 gm. or 8 grains.

Preparations: N. F.—Elixir Pepsini et Bismuthi, Elixir Pepsini et Rennini Compositum, Glyceritum Pepsini (which see), Liquor Pepsini Antisepticus, Liquor Pepsini Aromaticus, Pepsinum Saccharatum. Used in making Liquor Ferri Peptonati, Liquor Ferri Peptonati cum Mangano.

PEPSINUM AROMATICUM, N. F. III. Deleted.

PEPSINUM SACCHARATUM, N. F. IV. Pepsin. Sacchar.

Saccharated Pepsin. A mixture of pepsin (10) and sugar of milk (to make 100).

Average dose: 1 gm. or 15 grains.

PERSIO, N. F. IV. Persio.

Cudbear, Red Indigo. A purplish-red powder prepared from species of *Roccella, Lecanora,* or other lichens. Yields not more than 35 per cent of ash, consisting mainly of sodium chloride.

Preparations: N. F.—Tinctura Persionis, Tinctura Persionis Composita. Used in coloring Elixir Aromaticum Rubrum, Elixir Trium Bromidorum, Liquor Antisepticus Alkalinus, Syrupus Pini Strobi Compositus, Syrupus Pini Strobi Compositus cum Morphina.

PETROLATUM, U. S. P. IX. Petrolat.

Petrolatum, Petrolatum Ointment, Petroleum Jelly; also sold as Vaseline. Official in European pharmacopœias as Vaselinum (E). A purified mixture of semi-solid hydrocarbons. Tests for identity and purity.

Preparations: U. S. P.—Unguentum Hydrargyri Dilutum, Unguentum Hydrargyri Oxidi Flavi, Unguentum Hydrargyri Oxidi Rubri.

N. F.—Emulsum Petrolati, Pasta Betanaphtholis, Pasta Zinci, Unguentum Hydrargyri Oxidi Rubri, Unguentum Resorcinolis Compositum.

PETROLATUM ALBUM, U. S. P. IX. Petrolat. Alb.

White Petrolatum, White Petroleum Jelly; also sold as White Vaseline. Official in European pharmacopœias as Vaslinum Album (E). Petrolatum decolorized or nearly so.

Preparations: U. S. P.—Ceratum, Ceratum Camphoræ, Unguentum Acidi Borici, Unguentum Hydrargyri Ammoniati, Unguentum Phenolis.

N. F.—Ceratum Plumbi Subacetatis, Unguentum Zinci Stearatis.

PETROLATUM LIQUIDUM, U. S. P. IX. Petrolat. Liq.

Liquid Petrolatum, Liquid Paraffin, Mineral Oil. Official in European pharmacopœias as Paraffinum Liquidum (S). A mixture of liquid hydrocarbons. Official in two forms: Heavy Liquid Petrolatum has a viscosity of not less than 3.1 and Light Liquid Petrolatum has a viscosity of not more than 3. Specific gravity 0.828 to 0.905 at 25°. Tests for identity and purity.

Average dose: 15 mils or 4 fluid drachms.

Preparation: U. S. P.—Ceratum Cantharidis.

N. F.—Nebulæ, Pasta Resorcinolis Fortis, Pasta Resorcinolis Mitis, Petroxolinum Liquidum (which see), Petroxolinum Spissum (which see).

Petrolatum Saponatum Liquidum, N. F. III. See Petroxolinum Liquidum, N. F. IV.

Petrolatum Saponatum Spissum, N. F. III. See Petroxolinum Spissum, N. F. IV.

Petroselini Radix, N. F. IV. Part II. Petrosel. Rad.

Parsley Root. The root of *Petroselinum sativum* Hoffmann. Yields not more than 6 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparation: N. F.—Fluidextractum Petroselini Radicis.

Petroselinum, U. S. P. IX. New. Petrosel.

Parsley Fruit, Parsley Seed. The dried ripe fruit of *Petroselinum sativum* Hoffmann without admixture of more than 5 per cent of foreign seeds or other matter.

Preparation: U. S. P.—Oleoresina Petroselini.

Petroxolinum Betanaphtholis, N. F. IV. New. Petrox. Betanaphthol.

Betanaphthol Petroxolin, Betanaphthol Petrox. A solution of betanaphthol (10) in liquid petroxolin (to make 100).

Petroxolinum Cadini, N. F. IV. New. Petrox. Cadin.

Cade Petroxolin, Cade Petrox. A solution of oil of cade (25) in liquid petroxolin (to make 100).

Petroxolinum Chloroformi Camphoratum, N. F. IV. New. Petrox. Chlorof. Camph.

Camphorated Chloroform Petroxolin, Camphor and Chloroform Petrox. A solution of chloroform (25) and camphor (25) in liquid petroxolin (to make 100).

Petroxolinum Creosoti, N. F. IV. New. Petrox. Creosot.

Creosote Petroxolin, Creosote Petrox. A solution of creosote (20) in oleic acid (5) and liquid petroxolin (to make 100).

Petroxolinum Eucalyptolis, N. F. IV. New. Petrox. Eucalyptol.

Eucalyptol Petroxolin, Eucalyptol Petrox. A solution of eucalyptol (20) in liquid petroxolin (to make 100).

Petroxolinum Guaiacolis, N. F. IV. New. Petrox. Guaiacol.
Guaiacol Petroxolin, Guaiacol Petrox. A solution of guaiacol (20) in oleic acid (5) and liquid petroxolin (to make 100).

Petroxolinum Hydrargyri, N. F. IV. New. Petrox. Hydrarg.
Mercury Petroxolin, Mercury Petrox. A mixture of mercury (30), hydrous wool fat (13), oleic acid (2), and solid petroxolin (to make 100).

Petroxolinum Iodi, N. F. IV. New. Petrox. Iod.
Iodine Petroxolin, Iodine Petrox. 10 per cent. A solution of iodine (10) in a mixture of oleic acid (40), alcohol (20), oil of lavender (2), stronger ammonia water (5), and liquid petrolatum (to make 100).

Petroxolinum Iodi Dilutum, N. F. IV. New. Petrox. Iod. Dil.
Diluted Iodine Petroxolin, Iodine Petrox. 5 per cent. A solution of iodine (5) in liquid petroxolin (to make 100).

Petroxolinum Iodoformi, N. F. New. Petrox. Iodoform.
Iodoform Petroxolin, Iodoform Petrox. A solution of iodoform (3), in acetone (20), mixed with oleic acid (10), eucalyptol (3), and liquid petroxolin (to make 100).

Petroxolinum Liquidum, N. F. IV. Petrox. Liq.
Liquid Petroxolin, Petrolatum Saponatum Liquidum, N. F. III, Liquid Petrox. As modified, a mixture of oleic acid (28), oil of lavender (2), stronger ammonia water (5), alcohol (15), and liquid petrolatum (to make 100).
Preparation: N. F.—Petroxolina (which see).

Petroxolinum Mentholis, N. F. IV. New. Petrox. Menthol.
Menthol Petroxolin, Menthol Petrox. A solution of menthol (17) in liquid petroxolin (to make 100).

Petroxolinum Methylis Salicylatis, N. F. IV. New.
Petrox. Methyl. Salicyl.
Methyl Salicylate Petroxolin, Methyl Salicylate Petrox. A mixture of methyl salicylate (20) with liquid petroxolin (to make 100).

Petroxolinum Phenolis, N. F. IV. New. Petrox. Phenol.
Phenol Petroxolin, Phenol Petrox. A solution of phenol (5) in liquid petroxolin (to make 100).

Petroxolinum Phenolis Camphoratum, N. F. IV. New.
Petrox. Phenol. Camph.
Camphorated Phenol Petroxolin, Camphorated Phenol Petrox. A solution of phenol (12.5) and camphor (37.5) in liquid petroxolin (to make 100).

Petroxolinum Picis, N. F. IV. New. Petrox. Pic.
Tar Petroxolin, Tar Petrox. A mixture of oil of tar (35) with liquid petroxolin (to make 100).

PETROXOLINUM SPISSUM, N. F. IV. Petrox. Spiss.

Solid Petroxolin, Solid Petrox. (Petrolatum Saponatum Spissum, N. F. III). As modified, a mixture of white wax (35), oleic acid (32), oil of lavender (3), alcohol (5), stronger ammonia water (5), and liquid petrolatum (to make 100).

Preparation: N. F.—Petroxolinum Hydrargyri.

PETROXOLINUM SULPHURATUM, N. F. IV. New. Petrox. Sulphur.

Sulphurated Petroxolin, Sulphurated Petrox. A solution of sublimed sulphur (3) in linseed oil (37) mixed with oleic acid (30) and liquid petroxolin (to make 100).

Preparation: N. F.—Petroxolinum Sulphurata Compositum.

PETROXOLINUM SULPHURATUM COMPOSITUM, N. F. IV. New. Petrox. Sulphur Co.

Compound Sulphurated Petroxolin, Compound Sulphurated Petrox. A mixture of sulphur petroxolin (10), oil of cade (10), thymol (0.3), eucalyptol (3), oil of turpentine (30), and liquid petroxolin (to make 100).

PETROXOLINUM TEREBINTHINÆ LARICIS, N. F. IV. New. Petrox. Terebinth. Laric.

Venice Turpentine Petroxolin, Venice Turpentine Petrox. A mixture of venice turpentine (20) and liquid petroxolin (to make 100).

PHENOL, U. S. P. IX.

Phenol, Carbolic Acid. Official in European pharmacopœias as Acidum Carbolicum (E). Hydroxybenzene obtained from coal-tar or made synthetically. Contains not less than 97 per cent of C_6H_5OH. Tests for identity and purity and a method of assay.

Average dose: 0.06 gm. or 1 grain.

Preparation: U. S. P.—Phenol Liquefactum (which see).

N. F.—Nebula Aromatica, Oleum Phenolatum, Petroxolinum Phenolis, Petroxolinum Phenolis Camphoratum, Phenol Iodatum, Pulvis Antisepticus.

PHENOL IODATUM, N. F. IV. Phenol. Iodat.

Iodized Phenol, Acidum Carbolicum Iodatum, N. F. III. A solution of iodine (20) and phenol (80) in glycerin (to make 100).

PHENOL LIQUEFACTUM, U. S. P. IX. Phenol. Liq.

Liquefied Phenol, Liquefied Carbolic Acid. Official in European pharmacopœias as Acidum Carbolicum Liquefactum (E). A liquid containing not less than 87 per cent of C_6H_5OH. Tests for identity and purity.

Average dose: 0.05 mil or 1 minim.

Preparations: U. S. P.—Glyceritum Phenolis, Unguentum Phenolis.

N. F.—Aqua Phenolata, Liquor Iodi Phenolatus, Liquor Sodii Boratis Compositus.

Phenolphthaleinum, U. S. P. IX. New. Phenolphthal.
Phenolphthalein. A dibasic phenol derivative (dihydroxyphthalophenone) $C_{20}H_{14}O_4$. Tests for identity and purity.
Average dose: 0.15 gm. or 2½ grains.
Preparation: N. F.—Trochisci Phenolphthaleini.

Phenylis Salicylas, U. S. P. IX. Phenyl. Salicyl.
Phenyl Salicylate, Salol. Official in European pharmacopœias as Salolum (E), Salicylas phenylicus (S). The phenylester, $C_{13}H_{10}O_3$, of salicylic acid. Tests for identity and purity.
Average dose: 0.3 gm. or 5 grains.

Phosphorus, U. S. P. IX. Phosphor.
Phosphorus. The element phosphorus, P. Should be carefully preserved under water. Tests for identity and purity.
Average dose: 0.0005 gm. or $\frac{1}{120}$ grain.
Preparation: U. S. P.—Pilulæ Phosphori.
N. F.—Elixir Phosphori, Liquor Phosphori, Oleum Phosphoratum.

Physostigma, U. S. P. IX. Physostig.
Physostigma, Calabar Bean, Ordeal Bean. The dried ripe seeds of *Physostigma venenosum* Balfour. Yields not less than 0.15 per cent of the alkaloids of physostigma. Method of assay.
Average dose: 0.1 gm. or 1½ grains.
Preparations: U. S. P.—Extractum Physostigmatis, Tinctura Physostigmatis.

Physostigminæ Salicylas, U. S. P. IX. Physostig. Salicyl.
Physostigmine Salicylate, Eserine Salicylate. Official in European pharmacopœias as Physostigminum Salicylicum (E), Salicylas Physostigmaticus (S). The salicylate, $C_{15}H_{21}O_2N_3.C_7H_6O_3$, of an alkaloid obtained from physostigma. Tests for identity and purity.
Average dose: 0.001 gram or $\frac{1}{60}$ grain.

Physostigminæ Sulphas, U. S. P. VIII. Deleted.

Phytolacca, N. F. IV. Part II. From U. S. P. VIII. Phytolac.
Phytolacca, Poke Root. The dried root of *Phytolacca decandra* Linné, collected in the autumn. Yields not more than 14 per cent of ash.
Average dose: Emetic 1 gm. or 15 grains; alterative 0.1 gm. or 1½ grains.
Preparation: N. F.—Fluidextractum Phytolaccæ.

Pilocarpinæ Hydrochloridum, U. S. P. IX. Pilocarpin. Hydrochl.
Pilocarpine Hydrochloride, Pilocarpine Chloride. Official in European pharmacopœias as Pilocarpinum Hydrochloricum (E), Chloretum Pilocarpicum (S). The hydrochloride $C_{11}H_{16}O_2N_2HCl$ of an alkaloid obtained from pilocarpus. Tests for identity and purity.

Average dose: By mouth, 0.01 gm. or 1/6 grain; hypodermic, 0.005 gm. or 1/12 grain.

PILOCARPINÆ NITRAS, U. S. P. IX. Pilocarpin. Nit.

Pilocarpine Nitrate. The nitrate, $C_{11}H_{16}O_2N_2.HNO_3$ of an alkaloid obtained from pilocarpus. Tests for identity and purity.

Average dose: By mouth, 0.01 gm. or 1/6 grain; hypodermic, 0.005 gm. or 1/12 grain.

PILOCARPUS, U. S. P. IX. Pilocarp.

Pilocarpus, Jaborandi. Official in the Swiss pharmacopœia as Folium Jaborandi. The dried leaflets of *Pilocarpus Jaborandi* Holmes known in commerce as Pernambuco Jaborandi, or of *Pilocarpus microphyllus* Stapf, known in commerce as Maranham Jaborandi, without admixture of more than 5 per cent of other matter, and yielding not less than 0.6 per cent of the alkaloids of pilocarpus, and not more than 7 per cent of ash. Each variety is described separately. Method of assay.

Average dose: 2 gm. or 30 grains.

Preparation: Fluidextractum Pilocarpi.

PILULÆ, N. F. IV.

Pills. A general formula with directions for coating pills with gelatin, sugar, cocoa, tolu, silver, and salol.

PILULÆ AD PRANDIUM, N. F. IV. Pil. Ad Prand.

Dinner Pills.

1. Lady Webster's Dinner Pill. See Pilulæ Aloes et Mastiches, N. F.

2. Chapman's Dinner Pill. Each pill contains aloes (0.097), mastic (0.097), ipecac (0.065), and oil of fennel (0.015).

Average dose: 1 pill.

3. Cole's Dinner Pill. Each pill contains aloes (0.078), mass of mercury (0.078), jalap (0.078), and antimony and potassium tartrate (0.0013).

Average dose: 1 pill.

4. Hall's Dinner Pill. Each pill contains aloes (0.065), extract of glycyrrhiza (0.065), soap (0.065), and syrup (to make 100).

Average dose: 1 pill.

PILULÆ ALOES, U. S. P. IX. Pil. Aloes.

Pills of aloes. Each pill contains aloes (0.13) and soap (0.13).

Average dose: 2 pills.

PILULÆ ALOES ET ASAFŒTIDÆ, N. F. IV. Pil. Aloe. et Asafœt.

Pills of Aloes and Asafetida. Each pill contains aloes (0.09), asafetida (0.09), and soap (0.09).

Average dose: 1 pill.

PILULÆ ALOES ET FERRI, N. F. IV. From U. S. P. VIII.
Pil. Aloe. et Ferr.

Pills of Aloes and Iron. Each pill contains aloes (0.07) exsiccated ferrous sulphate (0.07), aromatic powder (0.07), and confection of rose (to make a mass).

Average dose: 2 pills.

PILULÆ ALOES ET MASTICHES, N. F. IV. From U. S. P. VIII.
Pil. Aloe. et Mastich.

Pills of Aloes and Mastic, Webster's Dinner Pill. Each pill contains aloes (0.13), mastic (0.04), and red rose (0.03).

Average dose: 2 pills.

PILULÆ ALOES ET MYRRHÆ, N. F. IV. From U. S. P. VIII.
Pil. Aloe. et Myrrh.

Pills of Aloes and Myrrh. Each pill contains aloes (0.13), myrrh (0.06), and aromatic powder (0.04).

Average dose: 2 pills.

PILULÆ ALOES ET PODOPHYLLI COMPOSITÆ, N. F. IV.
Pil. Aloe. et Podoph. Co.

Compound Pills of Aloes and Podophyllum, Janeway's Pills. Each pill contains aloes (0.065), resin of podophyllum (0.0325), pilular extract of belladonna leaves (0.016), and extract of nux vomica (0.016).

Average dose: 1 pill.

PILULÆ ALOES HYDRARGYRI ET PODOPHYLLI, N. F. IV.
Pil. Aloe. Hydrarg. et Podoph.

Pills of Aloes, Mercury and Podophyllum, Pilulæ Triplices, N. F. III, Triplex Pills, Pilula Triplex. Each pill contains aloes (0.13), mass of mercury (0.065), and resin of podophyllum (0.016).

Average dose: 1 pill.

PILULÆ ALOES HYDRARGYRI ET SCAMMONII COMPOSITA, N. F. IV.
Pil. Aloe. Hydrarg. et Scammon.

Compound Pills of Aloes, Mercury, and Scammony, Francis' Triplex Pills. Each pill contains aloes (0.055), scammony (0.055), mass of mercury (0.055), croton oil (0.0032), oil of caraway (0.016), and tincture of aloes and myrrh (to make a mass).

Average dose: 1 pill.

PILULÆ ALOINI COMPOSITÆ, N. F. IV. Pil. Aloin. Co.

Compound Pills of Aloin. Each pill contains aloin (0.0325), resin of podophyllum (0.008), and pilular extract of belladonna leaves (0.016).

Average dose: 1 pill.

PILULÆ ALOINI, STRYCHNINÆ ET BELLADONNÆ, N. F. IV.
Pil. A. S. et B.

Pills of Aloin, Strychnine and Belladonna. Each pill contains aloin (0.013), strychnine (0.0005), and pilular extract of belladonna leaves (0.008).

Average dose: 1 pill.

PILULÆ ALOINI, STRYCHNINÆ ET BELLADONNÆ COMPOSITA, N. F. IV.
Pil. A. S. et B. Co.

Compound Pills of Aloin, Strychnine, and Belladonna. Each pill contains aloin (0.013), strychnine (0.0005), pilular extract of belladonna leaves (0.008), and extract of cascara sagrada (0.0325).

Average dose: 1 pill.

PILULÆ ANTIDYSPEPTICÆ, N. F. IV. Pil. Antidyspep.

Antidyspeptic Pills. Each pill contains strychnine (0.0016), ipecac (0.0065), pilular extract of belladonna leaves (0.0065), mass of mercury (0.13), and compound extract of colocynth (0.13).

Average dose: 1 pill.

PILULÆ ANTIMONII COMPOSITÆ, N. F. IV. Pil. Antimon. Co.

Compound Pills of Antimony, Plummer's Pills. Each pill contains sulphurated antimony (0.04), mild mercurous chloride (0.04), guaiac (0.08), and castor oil (to make a mass).

Average dose: 1 pill.

PILULÆ ANTINEURALGICÆ—GROSS' ANTINEURALGIC PILLS, N. F. III. Deleted.

PILULÆ ANTINEURALGICÆ—BROWN SEQUARD'S ANTINEURALGIC OR NEURALGIC PILLS, N. F. IV. Deleted.

PILULÆ ANTIPERIODICÆ, N. F. IV. Pil. Antiperiod.

Antiperiodic Pills, Warburg's Pills. Each pill contains extract of aloes (0.065), rhubarb (0.032), angelica fruit (0.032), Inula (0.016), saffron (0.016), fennel (0.016), zedoary root (0.008), cubeb (0.008), myrrh (0.008), white agaric (0.008), camphor (0.008), quinine sulphate (0.09), and extract of gentian (to make a mass).

Average dose: 1 pill.

PILULÆ ANTIPERIODICÆ SINE ALOE, N. F. IV.
Pil. Antiperiod. s. Aloe.

Antiperiodic Pills without Aloes. Each pill contains rhubarb (0.032), angelica fruit (0.032), Inula (0.016), saffron (0.016), fennel (0.016), zedoary root (0.008), cubeb (0.008), myrrh (0.008), white agaric (0.008), camphor (0.008), quinine sulphate (0.090), and extract of gentian (to make a mass).

Average dose: 1 pill.

PILULÆ ASAFŒTIDÆ, U. S. P. IX. Pil. Asafœt.

Pills of Asafetida. Each pill contains asafetida (0.2) and soap (0.06).

Average dose: 2 pills.

PILULÆ CATHARTICÆ COMPOSITÆ, U. S. P. IX. Pil. Cathart. Co.

Compound Cathartic Pills. Each pill contains compound extract of colocynth (0.08), mild mercurous chloride (0.06), resin of jalap (0.02), gamboge (0.015).

Average dose: 2 pills.

PILULÆ CATHARTICÆ VEGETABILES, N. F. IV. From U. S. P. VIII. Pil. Cathart. Veget.

Vegetable Cathartic Pills. Each pill contains compound extract of colocynth (0.06), extract of hyoscyamus (0.03), resin of jalap (0.02), extract of leptandra (0.015), resin of podophyllum (0.015), and oil of peppermint (0.008).

Average dose: 2 pills.

PILULÆ COLOCYNTHIDIS COMPOSITÆ, N. F. IV. Pil. Colocynth. Co.

Compound Pills of Colocynth, Pilulæ Cocciæ, Cochia Pills. Each pill contains extract of colocynth (0.011), aloes (0.13), resin of scammony (0.13), and oil of clove (0.015).

Average dose: 1 pill.

PILULÆ COLOCYNTHIDIS ET HYOSCYAMI, N. F. IV. Pil. Colocynth. et Hyoscy.

Pills of Colocynth and Hyoscyamus. Each pill contains extract of colocynth (0.0065), aloes (0.097), resin of scammony (0.097), extract of hyoscyamus (0.097), and oil of clove (0.01).

Average dose: 1 pill.

PILULÆ COLOCYNTHIDIS ET PODOPHYLLI, N. F. IV. Pil. Colocynth. et Podoph.

Pills of Colocynth and Podophyllum. Each pill contains compound extract of colocynth (0.162) and resin of podophyllum (0.016).

Average dose: 1 pill.

PILULÆ DIGITALIS, SCILLÆ ET HYDRARGYRI, N. F. IV. New. Pil. Digit. Scil. et Hydrarg.

Pills of Digitalis, Squill, and Mercury, Niemeyer Pills for Dropsy, Guy's Pills. Each pill contains digitalis (0.065), squill (0.065), mass of mercury (0.065), and clarified honey (to make a mass).

Average dose: 1 pill.

PILULÆ FERRI CARBONATIS, U. S. P. IX. Pil. Ferr. Carb.

Pills of Ferrous Carbonate, Chalybeate Pills, Blaud's Pills, Ferruginous Pills. Official in European pharmacopœias as Pilulæ Ferri

Carbonici (E). Each pill contains 0.06 gm. of $FeCO_3$. Directions for making and a method of assay.
Average dose: 2 pills.

PILULÆ FERRI COMPOSITÆ, N. F. III. Deleted.

PILULÆ FERRI IODIDI, U. S. P. IX. Pil. Ferr. Iod.
Pills of Ferrous Iodide. Official in European pharmacopœias as Pilulæ Ferri Jodati (E), Pilulæ Jodeti Ferrosi (S). Each pill represents about 0.06 gm. or ferrous iodide FeI_2, coated with tolu. Directions for making and test for free iodin.
Average dose: 2 pills.

PILULÆ FERRI, QUININÆ, ALOES, ET NUCIS VOMICÆ, N. F. IV.
Pil. Ferr. Quin. Aloe. et Nuc. Vom.
Pills of iron, Quinine, Aloes, and Nux Vomica, Pilulæ Quadruplices, N. F. III, Quadruplex Pills, Quator Pills, Pilulæ Ferri, et Quininæ Compositæ. Each pill contains exsiccated ferrous sulphate (0.065), quinine sulphate (0.065), aloes (0.065), extract of nux vomica (0.016), and extract of gentian (to make a mass).
Average dose: 1 pill.

PILULÆ FERRI, QUININÆ, STRYCHNINÆ, ET ARSENI FORTIORES, N. F. IV. Pil. Ferr. Quin. Strych. et Arsen. Fort.
Stronger Pills of Iron, Quinine, Strychnine, and Arsenic, Pilulæ Metallorum, N. F. III, Metallic Pills, Pilulæ Metallorum Amaræ, Bitter Metallic Pills. Each pill contains reduced iron (0.065), quinine sulphate (0.065), strychnine (0.0032), and arsenic trioxide (0.0032).
Average dose: 1 pill.

PILULÆ FERRI, QUININÆ, STRYCHNINÆ, ET ARSENI MITES, N. F. IV.
Pil. Ferr. Quin. Strych. et Arsen. Mit.
Mild Pills of Iron, Quinine, Strychnine, and Arsenic, Aitken Tonic Pills. Each pill contains reduced iron (0.045), quinine sulphate (0.65), strychnine (0.0013), arsenic trioxide (0.0013), and clarified honey (to make 100).
Average dose: 1 pill.

PILULÆ GALBANI COMPOSITÆ, N. F. III. Deleted.

PILULÆ GLONOINI, N. F. III. See Pilulæ Glycerylis Nitratis, N. F. IV.

PILULÆ GLYCERYLIS NITRATIS, N. F. IV. Pil. Glycer. Nit.
Pills of Nitroglycerin, Pilulæ Glonoini, N. F. III, Pills of Glonoin. Each pill contains spirit of nitroglycerin (0.065), althæa (0.065), and confection of rose (to make a mass).
Average dose: 1 pill.

PILULÆ LAXATIVÆ COMPOSITÆ, N. F. IV. From U. S. P. VIII.
Pil. Lax. Co.

Compound Laxative Pills. Each pill contains aloin (0.013), strychnine (0.0005), pilular extract of belladonna leaves (0.008), ipecac (0.004), glycyrrhiza (0.046), and syrup (to make a mass).

Average dose: 2 pills.

PILULÆ LAXATIVÆ POST PARTUM, N. F. IV. Pil. Lax. Post Part.

Laxative Pills after Confinement, Barker's Post Partum Pills. Each pill contains compound extract of colocynth (0.11), socotrine aloes (0.055), extract of nux vomica (0.025), resin of podophyllum (0.005), ipecac (0.005), and extract of hyoscyamus (0.08).

Average dose: 1 pill.

PILULÆ METALLORUM, N. F. III. See Pilulæ Ferri, Quininæ, Strychninæ, et Arseni Fortior, N. F. IV, and Pilulæ Ferri, Quininæ, St., Strychninæ et Arseni Mitis, N. F. IV.

PILULÆ OPII, U. S. P. VIII. Deleted.

PILULÆ OPII, DIGITALIS, ET QUININÆ, N. F. IV. New.
Pil. Opii Digit. et Quin.

Pills of Opium, Digitalis, and Quinine, Niemeyer Pills for Phthisis. Each pill contains powdered opium (0.01), digitalis (0.065), quinine sulphate (0.065), and clarified honey (to make a mass).

Average dose: 1 pill.

PILULÆ OPII ET CAMPHORÆ, N. F. IV. Pil. Opii et Camph.

Pills of Opium and Camphor. Each pill contains powdered opium (0.065) and camphor (0.13).

Average dose: 1 pill.

PILULÆ OPII ET PLUMBI, N. F. IV. Pil. Opii et Plumb.

Pills of Opium and Lead. Each pill contains powdered opium (0.065) and lead acetate (0.065).

Average dose: 1 pill.

PILULÆ PHOSPHORI, U. S. P. IX. Pil. Phosphor.

Pills of Phosphorus. Each pill contains phosphorus (0.0006) with diluents and is directed to be coated with a solution of tolu.

Average dose: 1 pill.

PILULÆ PODOPHYLLI BELLADONNÆ ET CAPSICI, U. S. P. VIII. Deleted.

PILULÆ QUADRUPLICES, N. F. III. See Pilulæ Ferri, Quininæ, Aloes, et Nucis Vomica, N. F. IV.

PILULÆ RHEI, N. F. IV. Pil. Rhei.

Pills of Rhubarb. Each pill contains rhubarb (0.2) and soap (0.06).

Average dose: 1 pill.

PILULÆ RHEI COMPOSITÆ, U. S. P. IX. Pil. Rhei Co.

Compound Pills of Rhubarb. Each pill contains rhubarb (0.13), aloes (0.1), myrrh (0.06), and oil of peppermint (0.005).

Average dose: 2 pills.

PILULÆ TRIPLICES, N. F. III.

1. Pilulæ Triplex, N. F. III. See Pilulæ Aloes Hydrargyri et Podophylli, N. F. IV.

2. Francis' Triplex Pills, N. F. III. See Pilulæ Hydrargyri et Scammonii Composita, N. F. IV.

PIMENTA, N. F. IV. Part II. From U. S. P. VIII. Piment.

Pimenta, Pimento, Allspice. The dried nearly ripe fruit of *Pimenta officinalis* Lindley, without admixture of more than 5 per cent of stems or foreign matter. Yields not more than 6 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparation: N. F.—Tinctura Guaiaci Composita.

PIMPINELLA, N. F. IV. Part II. Pimpinell.

Pimpinella, Pimpernel Root. The dried rhizome and roots of *Pimpinella saxifraga* Linné or *Pimpinella magna* Linné.

Average dose: 1 gm. or 15 grains.

Preparation: N. F.—Tinctura Pimpinellæ.

PINUS ALBA, N. F. IV. Part II. Pinus Alb.

White Pine Bark. The dried inner bark of *Pinus strobus* Linné. Yields not more than 3 per cent of ash.

Preparations: N. F.—Syrupus Pini Strobi Compositus, Syrupus Pini Strobi Compositus cum Morphina.

PIPER, U. S. P. IX.

Pepper, Black Pepper. The dried unripe fruit of *Piper nigrum* Linné without admixture of more than 2 per cent of stems or other foreign matter.

Average dose: 0.5 gm. or 8 grains.

Preparations: U. S. P.—Oleoresina Piperis.

N. F.—Tinctura Antiperiodica, Tinctura Antiperiodica sine Aloe.

PIPERINA, U. S. P. VIII. Deleted.

PIX LIQUIDA, U. S. P. IX. Pix. Liq.

Tar, Pine Tar. Official in European pharmacopoeias as Pix Pini (S). Obtained by the destructive distillation of the wood of *Pinus palustris* Miller or of other species of *Pinus*.

Average dose: 0.5 gm. or 8 grains.

Preparations: U. S. P.—Syrupus Picis Liquidæ, Unguentum Picis Liquidæ. See also Oleum Picis Liquidæ Rectificatum.

N. F.—Glyceritum Picis Liquidæ, Vinum Picis.

Pix Lithanthracis, N. F. IV. Part II. Pix. Lith.

Coal Tar, Pix Carbonis. The tar obtained as a by-product in the destructive distillation of coal in the manufacture of illuminating gas. On ignition it leaves not more than 2 per cent of ash.

Preparations: N. F.—Liquor Picis Alkalinus, Liquor Picis Carbonis.

Plumbi Acetas, U. S. P. IX. Plumb. Acet.

Lead Acetate, Sugar of Lead. Official in European pharmacopœias as Plumbum Aceticum (E), Acetus Plumbicus (S). Contains from 85.31 to 89.57 per cent of anhydrous lead acetate corresponding to not less than 99.5 per cent of the crystallized salt, $Pb(C_2H_3O_2)_2+3H_2O$. Tests for identity and purity and a method of assay.

Average dose: 0.06 gm. or 1 grain.

Preparations: U. S. P.—Liquor Plumbi Subacetatis.

N. F.—Liquor Alumini Acetatis, Lotio Plumbi et Opii, Pilulæ Opii et Plumbi.

Plumbi Carbonas, N. F. IV. Part II. Plumb. Carb.

Lead Carbonate, White Lead. A mixture of lead carbonate and hydroxide approximately $Pb(CO_3)_2Pb(OH)_2$. Tests for identity and purity.

Preparation: N. F.—Used in making: Liquor Gutta Perchæ.

Plumbi Iodidum, N. F. IV. Part II. From U. S. P. VIII. Plumb. Iod.

Lead Iodide. Contains not less than 99 per cent of PbI_2. Tests for identity and purity.

Preparation: N. F.—Unguentum Plumbi Iodidi.

Plumbi Nitras, U. S. P. VIII. Deleted.

Plumbi Oxidum, U. S. P. IX. Plumb. Oxid.

Lead Oxide, Litharge. Official in European pharmacopœias as Plumbum Oxydatum (E), Oxydum Plumbicum (S). Contains when freshly ignited not less than 96 per cent of PbO. Tests for identity and purity and a method of assay.

Preparations: U. S. P.—Used in making: Emplastrum Plumbi, Liquor Plumbi Subacetatis.

Plumbi Oxidum Rubrum, N. F. IV. Part II. Plumb. Oxid. Rub.

Red oxide of Lead, Red Lead. Lead orthoplumbate with usually some unconverted lead monoxide, corresponding to not less than 31 per cent of lead dioxide. Tests for identity and purity.

Preparation: N. F.—Used in making: Emplastrum Fuscum Camphoratum.

PODOPHYLLUM, U. S. P. IX. Podoph.

Podophyllum, Mandrake, May Apple Rhizome. The dried rhizome and roots of *Podophyllum peltatum* Linné yielding not less than 3 per cent of resin.

Preparations: U. S. P.—Fluidextractum Podophylli, Resina Podophylli.

N. F.—Extractum Podophylli.

POPULI GEMMÆ, N. F. IV. Part II. Pop. Gem.

Balsam Poplar Buds, Balm of Gilead Buds. The air-dried, closed winter leaf-buds of *Populus nigra* Linné or *populus balsamifera* Linné. Collected early in the spring.

Preparations: N. F.—Syrupus Pini Strobi Compositus, Syrupus Pini Strobi Compositus cum Morphina.

POTASSA CUM CALCE, N. F. IV. Pot. c. Calc.

Potassa with Lime. A mixture of Potassium hydroxide (50) and calcium oxide (to make 100).

POTASSA SULPHURATA, U. S. P. IX. From N. F. III. Pot. Sulphurat.

Sulphurated Potassa, Liver of Sulphur. A mixture composed chiefly of potassium polysulphides and potassium thiosulphate and containing an amount of sulphides corresponding to not less than 12.8 per cent of sulphur. Tests for identity and purity and a method of assay.

POTASSII ACETAS, U. S. P. IX. Pot. Acet.

Potassium Acetate. Contains, when dried, not less than 99 per cent of $KC_2H_3O_2$. Tests for identity and purity and a method of assay.

Average dose: 1 gm. or 15 grains.

Preparations: N. F.—Elixir Buchu et Potassii Acetatis, Elixir Potassii Acetatis, Elixir Potassii Acetatis et Juniperi.

POTASSII BICARBONAS, U. S. P. IX. Pot. Bicarb.

Potassium Bicarbonate. Official in European pharmacopœiàs as Kalium Bicarbonicum (E), Bicarbonas Kalicus (S). Contains when dried not less than 99 per cent of $KHCO_3$. Tests for identity and purity and a method of assay.

Average dose: 1 gm. or 15 grains.

Preparations: Used in making: Liquor Potassii Arsenatis, Liquor Magnesii Citratis, Liquor Potassii Citatis.

N. F.—Liquor Antisepticus Alkalinus. Used in making: Liquor Magnesii Sulphatis Effervescens, Liquor Phosphatum Compositum.

POTASSII BITARTRAS, U. S. P. IX. Pot. Bitart.

Potassium Bitartrate, Cream of Tartar. Official in European pharmacopœias as Kalium Bitartaricum (E), Bitartras Kalicus (S).

Contains when dried not less than 99.5 per cent of $KHC_4H_4O_6$. Tests for identity and purity and a method of assay.

Average dose: 2 gm. or 30 grains.

Preparations: U. S. P.—Pulvis Jalapæ Compositus.

N. F.—Liquor Coccineus, Species Laxativæ, Trochisci Sulphuris et Potassii Bitartratis.

Potassii Bromidum, U. S. P. IX. Pot. Brom.

Potassium Bromide. Official in European pharmacopœias as Kalium Bromatum (E), Brometum Kalicum (S). Contains when dried not less than 98.5 per cent of KBr. Tests for identity and purity and a method of assay.

Average dose: 1 gm. or 15 grains.

Preparations: N. F.—Elixir Potassii Bromidi, Elixir Trium Bromidorum, Liquor Bromi, Mistura Chlorali et Potassii Bromidi Composita, Sal Potassii Bromidi Effervescens, Syrupus Bromidorum.

Potassii Carbonas, U. S. P. IX. Pot. Carb.

Potassium Carbonate, Salt of Tartar. Official in European pharmacopœias as Kalium Carbonicum (E), Carbonas Kalicus (S). Contains when dried not less than 99 per cent of K_2CO_3. Tests for identity and purity and a method of assay.

Average dose: 1 gm. or 15 grains.

Preparations: U. S. P.—Syrupus Rhei, Syrupus Rhei Aromaticus. Used in making: Pilulæ Ferri Carbonatis, Unguentum Potassii Iodidi.

N. F.—Liquor Coccineus, Mistura Carminativa, Mistura Opii et Sassafras, Mistura Rhei Alkalinus, Tinctura Guaiaci Composita, Tinctura Rhei Aquosa, Unguentum Sulphuris Alkalinum, Vinum Aurantii Compositum.

Used in making: Elixir Formatum, Liquor Potassæ Chlorinatæ, Mistura Ferri Compositæ, Sal Vichyanum Factitium, Syrupus Asari Compositus.

Potassii Chloras, U. S. P. IX. Pot. Chloras.

Potassium Chlorate. Official in European pharmacopœias as Kalium Chloricum (E), Chloras Kalicus (S). Contains not less than 99 per cent of $KClO_3$. Great caution should be observed in handling it, as dangerous explosions are liable to occur when it is heated or subjected to concussion or trituration with organic substances. Tests for identity and purity and a method of assay.

Average dose: 0.25 gm. or 4 grains.

Preparations: U. S. P.—Trochisci Potassii Chloratis.

N. F.—Used in making: Liquor Chlori Compositus.

Potassii Chloridum, N. F. IV. Part II. Pot. Chlorid.

Potassium Chloride. Contains when dried not less than 99 per cent of KCl. Tests for identity and purity and a method of assay.

Preparations: N. F.—Liquor Hydrastinæ Compositus, Sal Kissingense Factitium.

POTASSII CITRAS, U. S. P. IX. Pot. Cit.

Potassium Citrate. Contains when dried not less than 99 per cent of crystallized $K_3C_6H_5O_7+H_2O$. Tests for identity and purity and a method of assay.

Average dose: 1 gm. or 15 grains.

Preparations: U. S. P.—Potassii Citras Effervescens.

N. F.—Elixir Cinchonæ Alkaloidorum, Ferri et Calcii Lactophosphatis, Elixir Ferri Hypophosphitis, Elixir Ferri Lactatis, Elixir Hypophosphitum et Ferri, Liquor Ferri Hypophosphitis, Liquor Hypophosphitum Compositus, Syrupus Calcii Lactophosphatis et Ferri, Syrupus Ferri Hypophosphitis.

POTASSI CITRAS EFFERVESCENS, U. S. P. IX. Pot. Cit. Eff.

Effervescent Potassium Citrate. Contains potassium citrate (20), sodium bicarbonate (47.7), tartaric acid (25.2), and citric acid (to make 100).

Average dose: 4 gm. or 1 drachm.

POTASSII CYANIDUM, U. S. P. VIII. Deleted. See Sodii Cyanidum, U. S. P. IX.

POTASSII DICHROMAS, U. S. P. VIII. Deleted.

POTASSII ET SODII TARTRAS, U. S. P. IX. Pot. et Sod. Tart.

Potassium and Sodium Tartrate, Rochelle Salt. Official in European pharmacopœias as Kalium Natrio-tartaricum (E), Tartras Natrico-Kalicus (S). Contains from 73.72 to 77.39 per cent of anhydrous potassium and sodium tartrate, corresponding to not less than 99 per cent of the crystallized salt, $KNaC_4H_4O_6+4H_2O$. Tests for identity and purity and a method of assay.

Average dose: 10 gm. or 2½ drachms.

Preparation: U. S. P.—Pulvis Effervescens Compositus.

POTASSII FERROCYANIDUM, U. S. P. VIII. Deleted.

POTASSII HYDROXIDUM, U. S. P. IX. Pot. Hydrox.

Potassium Hydroxide, Caustic Potash, Potassium Hydrate. Official in European pharmacopœias as Kali Causticum Fusum (E), Hydras Kalicus (S). Contains not less than 85 per cent of KOH. Tests for identity and purity and a method of assay.

Preparations: U. S. P.—Liquor Potassii Hydroxidi. Used in making Liquor Cresolis Compositus.

N. F.—Liquor Picis Alkalinus, Potassa cum Calce.

POTASSII HYPOPHOSPHIS, U. S. P. IX. Pot. Hypophos.

Potassium Hypophosphite. Official in European pharmacopœias as Hypophosphis Kalicus (S). Contains when dried not less than 98 per cent of KPH_2O_2. Tests for identity and purity and a method of assay. A caution notice warns against triturating this substance with nitrates, chlorates, or other oxidizing agents.

Average dose: 0.5 gm. or 8 grains.

Preparations: U. S. P.—Syrupus Hypophosphitum. Used in making: Acidum Hydriodicum Dilutum.

N. F.—Elixir Hypophosphitum, Elixir Hypophosphitum et Ferri, Emulsum Olei Morrhuae cum Hypophosphitibus, Liquor Hypophosphitum, Liquor Hypophosphitum Compositus, Syrupus Hypophosphitum Compositus.

POTASSII IODIDUM, U. S. P. IX. Pot. Iod.

Potassium Iodide. Official in European pharmacopœias as Kalium Jodatum (E), Jodetum Kalicum (S). Contains when dried not less than 99 per cent of KI. Tests for identity and purity and a method of assay.

Average dose: 0.3 gm. or 5 grains.

Preparations: U. S. P.—Liquor Iodi Compositus, Unguentum Iodi, Unguentum Potassii Iodidi. Used in making Acidum Hydriodicum Dilutum.

N. F.—Elixir Corydalis Compositum, Elixir Sodii Salicylatis Compositum, Liquor Hydrargyri et Potassii Iodidi, Tinctura Iodi Fortior, Unguentum Potassii Iodidi. Used in making Syrupus Ferri et Mangani Iodidi.

POTASSII NITRAS, U. S. P. IX. Pot. Nitras.

Potassium Nitrate, Saltpetre. Official in European pharmacopœias as Kalium Nitricum (E), Nitras Kalicus (S). Contains when dried not less than 99 per cent of KNO_3. Tests for identity and purity and a method of assay.

Average dose: 0.5 gm. or 8 grains.

Preparation: N. F.—Charta Potassii Nitratis.

POTASSII PERMANGANAS, U. S. P. IX. Pot. Permang.

Potassium Permanganate. Official in European pharmacopœias as Kalium Permanganicum (E), Hypermanganas Kalicus (S). Contains when dried not less than 99 per cent of $KMnO_4$. Tests for identity and purity. Cautioning notice warns against triturating potassium permanganate with organic or other readily oxidizable substances.

Average dose: 0.06 gm. or 1 grain.

POTASSII SULPHAS, N. F. IV. Part II. From U. S. P. VIII. Pot. Sulph.

Potassium Sulphate. Official in foreign pharmacopœias as Sulfas Kalicus (S). Contains when dried not less than 99 per cent of K_2SO_4. Tests for identity and purity.

Average dose: 1 gm. or 15 grains.

Preparation: N. F.—Sal Carolinum Factitium.

PRUNUM, N. F. IV. Part II. From U. S. P. VIII. Prun.
Prune. The partly dried, ripe fruit of *Prunus domestica* Linné.
Preparation: N. F.—Confectio Sennæ.

PRUNUS VIRGINIANA, U. S. P. IX. Prun. Virg.
Wild Cherry, Wild Black Cherry Bark. The stem-bark of *Prunus serotina* Ehrhart (*Prunus virginia* Miller).
Average dose: 2 gm. or 30 grains.
Preparations: U. S. P.—Syrupus Pruni Virginianæ.
N. F.—Fluidextractum Pruni Virginianæ, Infusum Pruni Virginianæ, Syrupus Cimicifugæ Compositus, Syrupus Pini Strobi Compositus, Syrupus Pini Strobi Compositus cum Morphina, Vinum Pruni Virginianæ.

PULSATILLA, N. F. IV. Part II. Pulsatil.
Pulsatilla, Pasque Flower, Meadow Anemone. The dried herb of *Anemone Pulsatilla* Linné, *Anemone pratensis* Linné, or *Anemone patens* Linné without admixture of more than 5 per cent of foreign matter. Yields not more than 10 per cent of ash.
Average dose: 0.3 gm. or 5 grains.
Preparation: N. F.—Tinctura Pulsatillæ.

PULVERES, N. F. III. Deleted.

PULVERES EFFERVESCENTES, N. F. III. See Sales Effervescentes, N. F. IV.

PULVIS ACACIÆ COMPOSITUS, N. F. III. Deleted.

PULVIS ACETANILIDI COMPOSITUS, N. F. IV. From U. S. P. VIII. Pulv. Acetanil. Co.
Compound Acetanilid Powder. A mixture of acetanilid (70), caffeine (10), and sodium bicarbonate (to make 100).
Average dose: 0.3 gm. or 5 grains.

PULVIS ALOES ET CANELLÆ, N. F. IV. Pulv. Aloe. et Canell.
Powder of Aloes and Canelle, Hiera Picra. A mixture of aloes (80) and canella (to make 100).
Average dose: 0.3 gm. or 5 grains.

PULVIS AMYGDALÆ COMPOSITUS, N. F. III. Deleted.

PULVIS ANTICATARRHALIS, N. F. III. Deleted.

PULVIS ANTIMONIALIS, N. F. IV. Pulv. Antimon.
Antimonial Powder, James' Powder. A mixture of antimony oxide (33) and precipitated calcium phosphate (to make 100).
Average dose: 0.2 gm. or 3 grains.

PULVIS ANTISEPTICUS, N. F. IV. Pulv. Antisept.
Soluble Antiseptic Powder, Pulvis Antisepticus Solubilis. A mixture of salicylic acid (0.5), phenol (0.1), eucalyptol (0.1), menthol

(0.1), thymol (0.1), zinc sulphate (12.5), and boric acid (to make 100).

PULVIS AROMATICUS, U. S. P. IX. Pulv. Arom.
Aromatic Powder. A mixture of Saigon cinnamon (35), Jamaica ginger (35), cardamom seed (15), and myristica (to make 100).
Average dose: 1 gm. or 15 grains.
Preparations: U. S. P.—Fluidextractum Aromaticum.
N. F.—Pilulæ Aloes et Ferri, Pilulæ Aloes et Myrrhæ.

PULVIS AROMATICUS RUBEFACIENS, N. F. IV. Pulv. Arom. Rubefac.
Rubefacient Spice Powder, Emplastrum Aromaticum, N. F. III. A mixture of clove (30), saigon cinnamon (30), ginger (20), and capsicum (to make 100). For spice poultice the required quantity of spice powder is placed in a muslin bag and moistened with hot diluted alcohol or vinegar.

PULVIS CATECHU COMPOSITUS, N. F. III. See Pulvis Gambir Compositus, N. F. IV.

PULVIS CRETÆ AROMATICUS, N. F. IV. Pulv. Cret. Arom.
Aromatic Powder of Chalk. A mixture of Saigon Cinnamon (8), myristica (6), clove (3), cardamom seed (2), prepared chalk (25), and sugar (to make 100).
Average dose: 2 gm. or 30 grains.

PULVIS CRETÆ AROMATICUS CUM OPIO, N. F. III. See Pulvis Cretæ et Opii Aromaticus, N. F.

PULVIS CRETÆ COMPOSITUS, U. S. P. IX. Pulv. Cret. Co.
Compound Chalk Powder. A mixture of prepared chalk (30), acacia (20), and sugar (to make 100).
Average dose: 2 gm. or 30 grains.
Preparation: U. S. P.—Mistura Cretæ.

PULVIS CRETÆ ET OPII AROMATICUS, N. F. IV.
Pulv. Cret. et Opii. Arom.
Aromatic Powder of Chalk and Opium. A mixture of powdered opium (2.5) and aromatic powder of chalk (to make 100).
Average dose: 1 gm. or 15 grains.

PULVIS EFFERVESCENS COMPOSITUS, U. S. P. IX. Pulv. Eff. Co.
Compound Effervescing Powder, Seidlitz Powder. Official in European pharmacopœias as Pulvis Ærophorus Laxans (E). The blue powder contains sodium bicarbonate (2.5 gm.), and potassium and sodium tartrate (7.5 gm.). The white powder contains tartaric acid (2.15 gm.). Assay methods for sodium bicarbonate and for potassium and sodium tartrate have been included.
Average dose: 1 set of two powders.

PULVIS FERRI ET QUININÆ CITRATIS EFFERVESCENS, N. F. III. Deleted.

PULVIS FERRI PHOSPHATIS EFFERVESCENS, N. F. III. Deleted.

PULVIS GAMBIR COMPOSITUS, N. F. IV. Pulv. Gambir. Co.

Compound Powder of Gambir, Pulvis Catechu Compositus, N. F. III. A mixture of gambir (40), krameria (20), kino (20), saigon cinnamon (10), and myristica (to make 100).

Average dose: 1.3 gm. or 20 grains.

PULVIS GLYCYRRHIZÆ COMPOSITUS, U. S. P. IX. Pulv. Glycyrrh. Co.

Compound Powder of Glycyrrhiza, Compound Licorice Powder. Official in European pharmacopœias as Pulvis Liquiritiæ Compositus (E). A mixture of senna (18), glycyrrhiza (23.6), washed sulphur (8), oil of fennel (0.4), and sugar (to make 100). Tests for identity and purity.

Average dose: 4 gm. or 1 drachm.

PULVIS HYDRARGYRI CHLORIDI MITIS ET JALAPÆ, N. F. IV. Pulv. Hydrarg. Chlor. Mit. et Jalap.

Powder of Mild Mercurous Chloride and Jalap, Calomel and Jalap. A mixture of mild mercurous chloride (34) and jalap (to make 100).

Average dose: 0.65 gm. or 10 grains.

PULVIS IODOFORMI COMPOSITUS, N. F. III. Deleted.

PULVIS IPECACUANHÆ ET OPII, U. S. P. IX. Pulv. Ipecac et Opii.

Powder of Ipecac and Opium. Compound Powder of Ipecac, Dover's Powder. Official in European pharmacopœias as Pulvis Ipecacuanhæ Opiatus (E), included in the International Protocol as Opii et Ipecacuanhæ Pulvis Compositus (P. I.). A mixture of ipecac (10), powdered opium (10), and sugar of milk (to make 100).

Average dose: 0.5 gm. or 8 grains.

PULVIS JALAPÆ COMPOSITUS, N. F. IX. Pulv. Jalap. Co.

Compound Powder of Jalap, Pulvis Purgans. A mixture of jalap (35) and potassium bitartrate (to make 100).

Average dose: 2 gm. or 30 grains.

PULVIS KINO COMPOSITUS, N. F. III. See Pulvis Kino et Opii Compositus, N. F. IV.

PULVIS KINO ET OPII COMPOSITUS, N. F. IV. Pulv. Kino et Opii Co.

Compound Powder of Kino and Opium, Pulvis Kino Compositus, N. F. III. A mixture of kino (75), powdered opium (5), and Saigon cinnamon (to make 100).

Average dose: 1 gm. or 15 grains.

PULVIS MORPHINÆ COMPOSITUS, U. S. P. VIII. Deleted.

PULVIS MYRICÆ COMPOSITUS, N. F. IV. Pulv. Myric. Co.

Compound Powder of Bayberry, Composition Powder. A mixture of bayberry bark (60), ginger (30), capsicum (5), and clove (to make 100).

Average dose: 1 gm. or 15 grains.

PULVIS PANCREATICUS COMPOSITUS, N. F. III. See Pulvis Pancreatini Compositus, N. F.

PULVIS PANCREATINI COMPOSITUS, N. F. IV.

Pulv. Pancreat. Co.

Compound Pancreatic Powder, Pulvis Pancreaticus Compositus, N. F. III. Peptonizing Powder. A mixture of Pancreatin (20) and sodium bicarbonate (to make 100).

NOTE: Directions for peptonizing fresh milk and a caution not to keep peptonized milk longer than 24 hours.

PULVIS PEPSINI COMPOSITUS, N. F. III. Deleted.

PULVIS POTASSII BROMIDI EFFERVESCENS, N. F. III. See Sal Potassii Bromidi Effervescens, N. F. IV.

PULVIS POTASSII BROMIDI EFFERVESCENS CUM CAFFEINA, N. F. III. See Sal Potassii Bromidi Effervescens Compositum, N. F. IV.

PULVIS PRO LACTE HUMANISATO, N. F. III. Deleted.

PULVIS RHEI COMPOSITUS, U. S. P. IX. Pulv. Rhei Co.

Compound Powder of Rhubarb. Gregory's Powder. A mixture of rhubarb (25), Jamaica ginger (10), and magnesium oxide (to make 100).

Average dose: 2 gm. or 30 grains.

PULVIS RHEI ET MAGNESIÆ ANISATUS, N. F. IV.

Pulv. Rhei et Magnes. Anis.

Anisated Powder of Rhubarb and Magnesia, Compound Anise Powder. A mixture of rhubarb (35), anethol (8), alcohol (10), and heavy magnesium oxide (to make 100).

Average dose: Infants, 0.3 gm. or 5 grains.

PULVIS SALIS CAROLINI FACTITII EFFERVESCENS, N. F. III. See Sal Carolinum Factitium Effervescens, N. F. IV.

PULVIS SALIS KISSINGENSIS FACTITII EFFERVESCENS, N. F. III. See Sal Kissingense Factitium Effervescens, N. F. IV.

PULVIS SALIS VICHYANI FACTITII EFFERVESCENS, N. F. III. See Sal Vichyanum Factitium Effervescens, N. F. IV.

PULVIS SALIS VICHYANI FACTITII EFFERVESCENS CUM LITHIO, N. F. III. See Sal Vichyanum Factitium Effervescens cum Lithio, N. F. IV.

Pulvis Talci Salicylicus, N. F. III. See Pulvis Talci Compositus, N. F. IV.

Pulvis Talci Compositus, N. F. IV. Pulv. Talc. Co.
Compound Powder of Talc, Pulvis Talci Salicylicus, N. F. III. Boro-Salicylated Powder of Talc. A mixture of salicylic acid (3), boric acid (10), and talc (to make 100).

Pumex, N. F. IV. Part III.
Pumice. A substance of volcanic origin, consisting chiefly of complex silicates of aluminum, potassium, and sodium. Tests for purity.
Preparations: N. F.—Used in making: Elixir Eriodictyi Aromaticum, Mistura Chlorali et Potassii Bromidi Composita, Tinctura Guaiaci Composita, Vinum Picis.

Pyrethrum, U. S. P. IX. Pyreth.
Pyrethrum, Pellitory Root. The dried root of *Anacyclus Pyrethrum* De Candolle.
Average dose: 2 gm. or 30 grains.
Preparation: U. S. P.—Tinctura Pyrethri.

Pyrogallol, U. S. P. IX. Pyrogall.
Pyrogallol, Pyrogallic Acid. Official in the European pharmacopœias as Pyrogallolum (E). Trihydroxybenzene, $C_6H_3(OH)_3 1:2:3$. Tests for identity and purity. Melting point now reads from 128 to 132°.

Pyroxylinum, U. S. P. IX. Pyroxolin.
Pyroxolin, Soluble Gun Cotton. A product obtained by the action of a mixture of nitric and sulphuric acids on cotton and consisting chiefly of cellulose tetranitrate, $C_{12}H_{16}(ONO_2)_4O_6$. Tests for identity and purity. Residue on incineration leaves not more than 0.3 per cent of ash.
Preparation: U. S. P.—Collodium (which see).

Quassia, U. S. P. IX. Quass.
Quassia, Bitter Wood. Official in European pharmacopœias as Lignum Quassiæ (E). The wood of *Picrasma excelsa* Planchon, known in commerce as Jamaica Quassia, or of *Quassia amara* Linné. known in commerce as Surinam Quassia. Described separately.
Average dose: 0.5 gm. or 8 grains.
Preparations: U. S. P.—Tinctura Quassiæ.
N. F.—Extractum Quassiæ, Fluidextractum Quassiæ.

Quercus, N. F. IV. Part II. From U. S. P. VIII. Querc.
Quercus. White Oak Bark. The dried bark of the trunk and branches of *Quercus alba* Linné deprived of the periderm. Yields not more than 7 per cent of ash.
Average dose: 1 gm. or 15 grains.
Preparation: N. F.—Fluidextractum Quercus.

QUILLAJA, N. F. IV. Part II. From U. S. P. VIII.

Quillaja, Soap-tree Bark. The dried bark of *Quillaja saponaria* Molina, deprived of the periderm. Yields not more than 10 per cent of ash.

Preparations: N. F.—Liquor Picis Carbonis, Tinctura Quillajæ.

QUINIDINA, N. F. IV. Part II. Quinidin.

Quinidine. An alkaloid, isomeric with quinine obtained from the bark of various species of Cinchona. Tests for identity and purity.

Average dose: Tonic, 0.1 gm. or 1½ grains; anti-malarial, 1 gm. or 15 grains daily.

Preparation: N. F.—Syrupus Quinidinæ.

QUININA, U. S. P. IX. Quin.

Quinine. An alkaloid, $C_{20}H_{24}O_2N_2+3H_2O$, obtained from the bark of various species of *Cinchona*. Tests for identity and purity. Yields not more than 0.1 per cent of ash.

Average dose: Tonic, 0.1 gm. or 1½ grains; anti-malarial, at least 1 gm. or 15 grains daily.

Preparations: N. F.—Elixir Formatum Compositum, Oleatum Quininæ, Syrupus Hypophosphitum Compositum, Syrupus Ferri, Quininæ et Strychninæ Phosphatum.

QUININÆ BISULPHAS, U. S. P. IX. Quin. Bisulph.

Quinine Bisulphate. Official in European pharmacopœias as Chininum Bisulfuricum (E). The acid sulphate $C_{20}H_{24}O_2N_2.H_2SO_4, +7H_2O$ of the alkaloid quinine. Tests for identity and purity. Yields not more than 0.05 per cent of ash.

Average dose: Tonic, 0.1 gm. or 1½ grains; anti-malarial, at least 1 gm. or 15 grains daily.

Preparations: N. F.—Tinctura Antiperiodica, Tinctura Antiperiodica sine Aloe.

QUININÆ DIHYDROCHLORIDUM, U. S. P. IX. New.
Quin. Dihydrochl.

Quinine Dihydrochloride. The dihydrochloride $C_{20}H_{24}O_2N_2.2HCl$, of the alkaloid quinine. Tests for identity and purity. Leaves not more than 0.05 per cent of ash.

Average dose: Tonic, 0.1 gm. or 1½ grains; anti-malarial at least 1 gm. or 15 grains.

QUININÆ ET UREÆ HYDROCHLORIDUM, U. S. P. IX. New.
Quin. et Urea. Hydrochl.

Quinine and Urea Hydrochloride, Quinine and Urea Chloride. A compound of the hydrochlorides of quinine and urea $C_{20}H_{24}O_2N_2\text{-}HClCO(NH_2)_2.HCl+5H_2O$ which contains not less than 58 per cent of anhydrous quinine. Tests for identity and purity and a method of assay. Yields not more than 0.05 per cent of ash.

Average dose: Hypodermic (one dose daily) 1 gm. or 15 grains.

QUININÆ GLYCEROPHOSPHAS, N. F. IV. Part II. Quin. Glycerophos.

Quinine glycerophosphate, Quinine Glycerinophosphate. A glycerophosphate $(C_{20}H_{24}O_2N_2)_2PO_4H_2(C_3H_7O_2)+4H_2O$ of the alkaloid quinine. Tests for identity and purity.

Average dose: Tonic, 0.1 gm. or 1½ grains; anti-malarial, 1 gm. or 15 grains daily.

Preparation: N. F.—Elixir Glycerophosphatum Compositum.

QUININÆ HYDROBROMIDUM, U. S. P. IX. Quin. Hydrobr.

Quinine Hydrobromide, Quinine Bromide. Official in European pharmocopœias as Chininum Hydrobromicum (E). The hydrobromide, $C_{20}H_{24}O_2N_2.HBr+H_2O$ of the alkaloid quinine. Tests for identity and purity. Yields not more than 0.05 per cent of ash.

Average dose: Tonic, 0.1 gm. or 1½ grains; anti-malarial at least 1 gm. or 15 grains daily.

QUININÆ HYDROCHLORIDUM, U. S. P. IX. Quin. Hydrochl.

Quinine Hydrochloride, Quinine Chloride. Official in European pharmacopœias as Chininum Hydrochloricum (E), Chloretum Chinicum (S). The hydrochloride, $C_{20}H_{24}O_2N_2.HCl+2H_2O$, of the alkaloid quinine. Tests for identity and purity. Yields not more than 0.05 per cent of ash.

Average dose: Tonic, 0.1 gm. or 1½ grains; anti-malarial, at least 1 gm. or 15 grains.

Preparations: N. F.—Elixir Ferri, Quininæ et Strychninæ, Syrupus Phosphatum cum Quininæ et Strychninæ.

QUININÆ HYPOPHOSPHIS, N. F. IV. Part II. Quin. Hypophos.

Quinine Hypophosphite. The hypophosphite, $C_{24}H_{20}O_2N_2.HPH_2O_2+H_2O$ of the alkaloid quinine. Tests for identity and purity.

Average dose: Tonic 0.1 gm. or 1½ grains; anti-malarial 1 gm. or 15 grains daily.

Preparation: N. F.—Liquor Hypophosphitum Compositum.

QUININÆ SALICYLAS, U. S. P. IX. Quin. Salicyl.

Quinine Salicylate. Official in European pharmacopœias as Chininum Salicylicum (E). The salicylate $C_{20}H_{24}O_2N_2.C_7H_6O_3+H_2O$ of the alkaloid quinine. Tests for identity and purity. Leaves not more than 0.05 per cent of ash.

Average dose: Tonic, 0.1 gm. or 1½ grains; anti-malarial at least 1 gm. or 15 grains.

QUININÆ SULPHAS, U. S. P. IX. Quin. Sulph.

Quinine Sulphate. Official in European pharmacopœias as Chininum Sulfuricum (E), Sulfas Chinicus (S). The sulphate $(C_{20}H_{24}O_2N_2)_2.H_2SO_4+7H_2O$ of the alkaloid quinine. Tests for identity and purity. Leaves not more than 0.05 per cent of ash.

Average dose: Tonic, 0.1 gm. or 1½ grains; anti-malarial at least 1 gm. or 15 grains daily.

Preparations: N. F.—Elixir Cinchonæ Alkaloidorum (which see), Elixir Ferri Pyrophosphatis, Quininæ et Strychninæ, Pilulæ Antiperiodicæ, Pilulæ Antiperiodicæ sine Aloe, Pilulæ Ferri Quininæ, Aloes et Nucis Vomicæ, Pilulæ Ferri, Quininæ, Strychninæ et Arsenici Fortior, Pilulæ Ferri, Quininæ, Strychninæ et Arsenici Mitis, Pilulæ Opii, Digitalis et Quininæ.

QUININÆ TANNAS, U. S. P. IX. New. Quin. Tann.

Quinine Tannate. Official in European pharmacopœias as Chininum Tannicum (E). A compound of the alkaloid quinine with tannic acid, of somewhat varying composition and containing from 30 to 35 per cent of anhydrous quinine, $C_{20}H_{24}O_2N_2$. Tests for identity and purity and a method of assay. Yields not more than 0.3 per cent of ash.

Average dose: 0.2 gm. or 3 grains.

Preparation: N. F.—Trochisci Quininæ Tannatis.

QUININÆ VALERAS, N. F. IV. Part II. Quin. Valer.

Quinine Valerate. The valerate of the alkaloid quinine. Tests for identity and purity.

Average dose: Tonic, 0.1 gm. or 1½ grains; anti-malarial 1 gm. or 15 grains daily.

Preparation: N. F.—Elixir Quininæ Valeratis et Strychninæ.

RENNINUM, N. F. IV. Part II. Rennin.

Rennin. The partially purified, milk-curdling enzyme obtained from the glandular layer of the stomach of the calf, *Bos taurus*, Linné, and capable of coagulating not less than 25,000 times its weight of normal, fresh cow's milk.

Preparation: N. F.—Elixir Pepsini et Rennini Compositum.

RESINA, U. S. P. IX. Resin.

Rosin, Colophony, Resin. Official in European pharmacopœias as Colophonium (E), Resina Colophonium (S). The residue left after distilling the volatile oil from the concrete oleoresin obtained from *Pinus palustris* Miller and from other species of *Pinus*.

Preparations: U. S. P.—Ceratum Cantharidis, Ceratum Resinæ, Emplastrum Resinæ.

N. F.—Ceratum Resinæ Compositum.

RESINA JALAPÆ, U. S. P. IX. Res. Jalap.

Resin of Jalap. Jalap extracted with alcohol and the resulting solution of resin precipitated with water. Tests for identity and purity.

Average dose: 0.125 gm. or 2 grains.

Preparations: U. S. P.—Pilulæ Catharticæ Compositæ.

N. F.—Pilulæ Catharticæ Vegetabiles.

RESINA PODOPHYLLI, U. S. P. IX. Res. Podoph.

Resin of Podophyllum, Podophyllin. Official in European pharmacopœias as Podophyllinum (E). Podophyllum extracted with alcohol and the resulting solution of resin precipitated with acidulated water. Tests for identity and purity. Yields not more than 1.5 per cent of ash.

Average dose: 0.01 gm. or 1/6 grain.

Preparations: N. F.—Pilulæ Aloes et Podophylli Compositæ, Pilulæ Aloes Hydrargyri et Podophylli, Pilulæ Aloini Compositæ, Pilulæ Catharticæ Vegetabiles, Pilulæ Colocynthidis et Podophylli, Pilulæ Laxativæ Post Partum.

RESINA SCAMMONIÆ, U. S. P. IX. Res. Scamm.

Resin of Scammony. Scammony Root extracted with alcohol and the resulting solution of resin precipitated with water. Tests for identity and purity. Yields not more than 1 per cent of ash.

Average dose: 0.2 gm. or 3 grains.

Preparations: U. S. P.—Extractum Colocynthidis Compositum.

N. F.—Pilulæ Aloes, Hydrargyri et Scammonii Compositæ, Pilulæ Colocynthidis Compositaæ, Pilulæ Colocynthidis et Hyoscami, Tinctura Jalapæ Composita.

RESORCINOL, U. S. P. IX. Resorcin.

Resorcinol, Resorcin. Official in European pharmacopœias as Resorcinum (E). Metadihydroxybenzene. Contains not less than 99.5 per cent of $C_6H_4(OH)_2$1:3. Tests for identity and purity and a method of assay.

Average dose: 0.125 gm. or 2 grains.

Preparations: N. F.—Pasta Resorcinolis Fortisr, Pasta Resorcinolis Mitis, Unguentum Resorcinolis Compositum.

RHAMNUS CATHARTICA, N. F. IV. Part II. Rham. Cathart.

Rhamnus Cathartica, Buckthorn Berries, Bacca Spinæ Cervinæ. The dried, ripe fruit of *Rhamnus cathartica* Linné, without admixture of more than 5 per cent of unripe fruit or other foreign matter. Yields not more than 5 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparations: N. F.—Fluidextractum Rhamni Catharticæ, Syrupus Rhamni Catharticæ.

Rhamnus Purshiana, U. S. P. VIII. See Cascara Sagrada, U. S. P. IX.

Rheum, U. S. P. IX.

Rhubarb. Official in European pharmacopœias as *Rhizoma* Rhei (E). The rhizomes and roots of *Rheum officinale* Baillon, *Rheum palmatum* Linné and the var. *tanguticum* Maximowicz, and probably other species of *Rheum* growing in China and Thibet. Yields not more than 13 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparations: U. S. P.—Extractum Rhei, Fluidextractum Rhei, Pilulæ Rhei Compositæ, Pulvis Rhei Compositus, Tinctura Rhei, Tinctura Rhei Aromatica (which see).

N. F.—Fluidglyceratum Rhei, Pilulæ Antiperiodicæ, Pilulæ Antiperiodicæ sine Aloe, Pilulæ Rhei, Pulvis Rhei et Magnesiæ Anisatus Syrupus Sennæ Aromaticus, Tinctura Antiperiodica, Tinctura Antiperiodica sine Aloe, Tinctura Rhei Aquosa, Tinctura Rhei Dulcis, Tinctura Rhei et Gentianæ, Tinctura Zedoariæ Amara.

Rhus Glabra, N. F. IV. Part II. From U. S. P. VIII.

Rhus Glab.

Rhus Glabra, Sumac Berries. The dried, ripe fruit of *Rhus glabra* Linné without admixture of more than 5 per cent of stems or foreign matter. Yields not more than 4 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparation: N. F.—Fluidextractum Rhois Glabræ.

Rosa Gallica, U. S. P. IX. Rosa Gall.

Red Rose. The dried petals of *Rosa gallica* Linné. Yields not more than 3.5 per cent of ash.

Preparations: U. S. P.—Fluidextractum Rosæ (which see).

N. F.—Confectio Rosæ, Infusum Rosæ Compositum, Pilulæ Aloes et Mastiches.

Rubi Fructus, N. F. IV. Part II.

Blackberries. The fresh, ripe fruit of varieties of *Rubus nigrobaccus* Bailey or *Rubus villosus* Aiton.

Preparation: N. F.—Syrupus Rubi Fructi.

Rubi Idæi Fructus, N. F. IV. Part II.

Raspberries. The fresh, ripe fruit of varieties of *Rubus Idæus* Linné.

Preparation: N. F—Syrupus Rubi Idæi.

Rubus, N. F. IV. Part II. From U. S. P. VIII.

Rubus, Blackberry Bark. The dried bark of the rhizome of *Rubus villosus* Aiton, *Rubus nigrobaccus* Bailey, or of *Rubus cuneifolius* Pursh. Yields not more than 5 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparations: N. F.—Elixir Rubi Compositum, Fluidextractum Rubi.

RUMEX, N. F. IV. Part II.

Rumex, Yellow Dock, Broad-Leaved Dock, Curled Dock. The roots of *Rumex crispus* Linné, or of *Rumex obtusifolius* Linné, without admixture of more than 5 per cent of stem bases. Yields not more than 10 per cent of ash.

Average dose: 4 gm. or 1 drachm.

Preparation: N. F.—Fluidextractum Rumicis.

SABAL, U. S. P. IX.

Sabal, Saw Palmetto Berries. The partially dried ripe fruit of *Serenoa serrulata* Hooker filius.

Average dose: 1 gm. or 15 grains.

Preparations: U. S. P.—Fluidextractum Sabal.

N. F.—Tinctura Sabal et Santali.

SABINA, U. S. P. VIII. Deleted.

SACCHARUM, U. S. P. IX. Sacch.

Sugar, Sucrose. Sucrose, $C_{12}H_{22}O_{11}$ obtained from cultivated varieties of *Saccharum officinarum* Linné and from *Beta vulgaris* Linné var. *Rapa dumort* and from other sources. Tests for identity and purity and a method of assay.

Preparations: U. S. P.—Syrupus, Official syrups and other preparations.

N. F.—Syrupi and other preparations.

SACCHARUM LACTIS, U. S. P. IX. Sacch. Lact.

Sugar of Milk, Milk Sugar, Lactose. Lactose, $C_{12}H_{22}O_{11} + H_2O$, obtained from the whey of cow's milk. Tests for identity and purity.

Preparations: U. S. P.—Pulvis Ipecacuanhæ et Opii, Triturationes Trituatio Elaterini.

N. F.—Pepsinum Saccharatum.

SAFROLUM, U. S. P. VIII. Deleted.

SALICINUM, U. S. P. IX. Salicin.

Salicin. A glucoside, $C_{13}H_{18}O_7$, obtained from several species of *Salix* and *Populus*. Melts between 198° and 202°.

Average dose: 1 gm. or 15 grains.

SALIA EFFERVESCENTIA, N. F. IV. New.

Granular Effervescent Salts. General directions for making.

SAL CAROLINUM FACTITIUM, N. F. IV. Sal Carol. Fact.

Artificial Carlsbad Salt. The dry, amorphous form contains potassium sulphate (28), sodium chloride (18), sodium bicarbonate (36), and sodium sulphate (to make 100).

The crystalline form contains essentially the same constituents with water of crystallization (to make about 180).

Note: 1 gm. of the dry or 1.75 gm. of the crystalline salt in 200 mils of water is similar to an equal volume of Carlsbad water in its main constituents.

Preparation: N. F.—Sal Carolinum Factitium Effervescens.

Sal Carolinum Factitium Effervescens, N. F. IV.
Sal Carol. Fact. Eff.

Effervescent Artificial Carlsbad Salt. (Pulvis Salis Carolini Factitii Effervescens, N. F. III.) As modified, a mixture of artificial Carlsbad salt dry (26.6), sodium bicarbonate (40), tartaric acid (15.7), and citric acid (to make 100).

Average dose: 6 gm. or 90 grains.

Note: A solution of 6 gm. in 200 mils of water is similar to an equal volume of Carlsbad water in its main constituents.

Sal Kissingense Factitium, N. F. IV. Sal Kissingen. Fact.

Artificial Kissengen Salt. As modified, a mixture of potassium chloride (1.7), sodium chloride (35.7), magnesium sulphate (12), and sodium bicarbonate (10.7).

Note: 1.5 gm. in 200 mils of water is similar to an equal volume of Kissingen water in its main constituents.

Preparations: N. F.—Sal Kissengense Factitium Effervescens.

Sal Kissingense Factitium Effervescens, N. F. IV.
Sal Kissengen. Fact. Eff.

Effervescent Artificial Kissingen Salt. (Pulvis Salis Kissingensis Factitii Effervescens, N. F. III.) As modified, a mixture of artificial Kissingen salt (40), sodium bicarbonate (40.6), tartaric acid (9.4), and citric acid (to make 100).

Average dose: 5.5 gm. or 80 grains.

Note: 5.5 gm. in 200 mils of water is similar to an equal volume of Kissingen water in its main constituents.

Sal Lithii Citratis Effervescens, N. F. IV. From U. S. P. VIII.
Sal. Lith. Cit. Eff.

Effervescent Salt of Lithium Citrate. (Lithii Citras Effervescens U. S. P. VIII, Effervescent Lithium Citrate.) A mixture of lithium citrate (5), sodium bicarbonate (57), tartaric acid (30), and citric acid (to make 100).

Average dose: 8 gm. or 120 grains.

Sal Potassii Bromidi Effervescens, N. F. IV.
Sal Pot. Brom. Eff.

Effervescent Salt of Potassium Bromide. (Pulvis Potassii Bromidi Effervescens, N. F. III.) As modified, a mixture of potassium bromide (16.6), sodium bicarbonate (53), tartaric acid (20.4), and citric acid (to make 100).

Average dose: 6 gm. or 90 grains.

SAL POTASSII BROMIDI EFFERVESCENS COMPOSITUS, N. F. IV.
Sal Pot. Brom. Eff. Co.

Compound Effervescent Salt of Potassium Bromide, Effervescent Potassium Bromide with Caffeine. (Pulvis Potassii Bromidi Effervescens cum Caffeina, N. F. III.) As modified, a mixture of sodium bicarbonate (58.7), caffeine (0.8), potassium bromide (8.3), lithium carbonate (4.2), tartaric acid (18), and citric acid (to make 100).

Average dose: 6 gm. or 90 grains.

SALVIA, U. S. P. VIII. Deleted.

SAL VICHYANUM FACTITIUM, N. F. IV. Sal Vichy. Fact.

Artificial Vichy Salt. As modified, represents a mixture of sodium bicarbonate (84.6), potassium carbonate (3.8), magnesium sulphate (8), and sodium chloride (7.7) (to make about 100).

NOTE: 1 gm. in 200 mils of water is similar to an equal volume of Vichy water in its main constituents.

Preparations: N. F.—Sal Vichyanum, Factitium Effervescens, Sal Vichyanum Factitium Effervescens et Lithii.

SAL VICHYANUM FACTITIUM EFFERVESCENS, N. F. IV.
Sal Vichy. Fact. Eff.

Effervescent Artificial Vichy Salt. (Pulvis Salis Vichyani Factitii Effervescens, N. F. III.) As modified, a mixture of artificial vichy salt (25) sodium bicarbonate (48.55), tartaric acid (16.45), and citric acid (25) (to make about 100).

Average dose: 4 gm. or 60 grains.

NOTE: 3.75 gm. or 200 mils of water is similar to an equal volume of vichy water (Grand Grille Spring) in its main constituents.

SAL VICHYANUM FACTITIUM EFFERVESCENS ET LITHIO, N. F. IV.
Sal Vichy. Fact. Eff. c. Lith.

Effervescent Artificial Vichy Salt with Lithium. (Pulvis Salis Vichyani Factitii Effervescens cum Lithio, N. F. III.) As modified, a mixture of artificial vichy salt (25), lithium citrate (8.33), sodium bicarbonate (44.14), tartaric acid (12.54), and citric acid (25) (to make about 100).

Average dose: 6 gm. or 90 grains.

SAMBUCUS, N. F. IV. Part II.
Sambuc.

Sambucus, Elder Flowers. The air-dried flowers of *Sambucus canadensis* Linné or of *Sambucus nigra* Linné, separated from the peduncles or pedicels. Yields not more than 8 per cent of ash.

Average dose: 4 gm. or 1 drachm.

Preparations: N. F.—Fluidextractum Stillingiæ Compositum. Species Laxativæ.

SANGUINARIA, U. S. P. IX. Sanguin.

Sanguinaria, Blood Root. The dried rhizome and roots of *Sanguinaria canadensis* Linné.

Average dose: 0.125 gm. or 2 grains.

Preparations: U. S. P.—Tinctura Sanguinariæ.

N. F.—Fuildextractum Sanguinariæ, Syrupus Pini Strobi Compositus, Syrupus Pini Strobi Compositus cum Morphina.

SANTALUM ALBUM, N. F. IV. Part II. Santal. Alb.

Sandal Wood, White Sandal Wood. The heart wood of *Santalum Album* Linné. Yields not more than 8 per cent of ash.

Preparation: N. F.—Tinctura Sabal et Santali.

SANTALUM RUBRUM, U. S. P. IX. Santal. Rub.

Red Saunders. Official in European pharmacopœias as Lignum Santali Rubrum (E). The heart-wood of *Pterocarpus santalinus* Linné. Yields not more than 3 per cent of ash.

Preparation: U. S. P.—Tinctura Lavandulæ Composita.

SANTONICA, U. S. P. VIII. Deleted.

SANTONINUM, U. S. P. IX. Santonin.

Santonin. The inner anhydride or lactone $C_{15}H_{18}O_3$ of santonic acid obtained from *Artemisia pauciflora* Weber. Melts between 169° and 171°. Leaves not more than 0.1 per cent of ash.

Average dose: 0.06 gm. or 1 grain.

Preparations: N. F.—Trochisci Santonini, Trochisci Santonini Compositi.

SAPO, U. S. P. IX.

Soap, White Castile Soap. Official in European pharmacopœias as *Sapo* Medicatus (E). Soap prepared from olive oil and sodium hydroxide. Tests for identity and purity.

Preparations: U. S. P.—Extractum colocynthidis compositum, Linimentum Saponis (which see), Pilulæ Aloes, Pilulæ Asafetidæ.

N. F.—Emplastrum Saponis, Pilulæ Ad Prandium, Hall's, Pilulæ Aloes et Asafœtidæ, Pilulæ Rhei.

SAPO MOLLIS, U. S. P. IX. Sapo Moll.

Soft soap. Official in European pharmacopœias as Sapo Kalinus (E). Now prepared from cottonseed oil and potassium hydroxide. Directions for making. Tests for identity and purity.

Preparations: U. S. P.—Linimentum Saponis Mollis.

N. F.—Pasta Naphtholi, Lassar, Linimentum Saponis Mollis Compositum, Unguentum Sulphuris Compositum.

SARSAPARILLA, U. S. P. IX. Sarsap.

Sarsaparilla. Official in European pharmacopœias as Radix Sarsaparillæ (E). The dried root of *Smilax medica* Chamisso and Schlechtendal, known in commerce as Mexican Sarsaparilla, or *Smilax officinalis* Kunth or an undetermined species of smilax; known in commerce as Honduras Sarsaparilla; or *Smilax ornata* Hooker, filius, known in commerce as Jamaica Sarsaparilla. Each variety described separately. Yields not more than 10 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparations: U. S. P.—Fluidextractum Sarsaparillæ (which see), Fluidextractum Sarsaparillæ Compositum.

N. F.—Decoctum Sarsaparillæ Compositum.

SASSAFRAS, U. S. P. IX. Sassaf.

Sassafras. The bark of the root of *Sassafras variifolium* O. Kuntze, without admixture of more than 2 per cent of adhering wood. Yields not more than 30 per cent of ash.

Average dose: 10 gm. or 2½ drachms.

Preparations: U. S. P.—Fluidextractum Sarsaparillæ Compositum.

N. F.—Decoctum Sarsaparillæ Compositum, Syrupus Pini Strobi Compositus, Syrupus Pini Strobi Compositus cum Morphina.

SASSAFRAS MEDULLA, N. F. IV. Part II. From U. S. P. VIII. Sassaf. Med.

Sassafras Pith. The dried pith of *Sassafras variifolium* O. Kuntze.

Preparation: N. F.—Mucilago Sassafras Medullæ.

SCAMMONIÆ RADIX, U. S. P. IX. New. Scamm. Rad.

Scammony Root. The dried root of *Convolvulus Scammonia*, Linné, yielding not less than 8 per cent of the total resins of scammony root. Method of assay.

Average dose: 0.25 gm. or 4 grains

Preparation: U. S. P.—Resina Scammoniæ (which see).

SCAMMONIUM, U. S. P. VIII. Deleted.

SCILLA, U. S. P. IX. Scill.

Squill. Official in European pharmacopœias as Bulbus Scillæ (E). The fleshy, inner scales of the bulb of the white variety of *Urginea maritima* Baker cut into pieces and carefully dried. Yields not more than 8 per cent of ash. Biological method of assay.

Average dose: 0.1 gm. or 1½ grains.

Preparations: U. S. P.—Acetum Scillæ (which see), Fluidextractum Scillæ (which see), Tinctura Scillæ.

N. F.—Pilulæ Digitalis, Scillæ et Hydrargyri.

SCOPARIUS, N. F. IV. Part II. From U. S. P. IX. Scopar.

Scoparius, Broom Tops. The dried top of *Cytisus scoparius* Link. Yields not more than 5 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparation: N. F.—Fluidextractum Scoparii.

SCOPOLA, U. S. P. VIII. Deleted.

SCOPOLAMINÆ HYDROBROMIDUM, U. S. P. IX.

Scopolamin. Hydrobrom.

Scopolamine Hydrobromide, Hyoscine Hydrobromide, Scopolamine Bromide. Official in European pharmacopœias as Scopolamicum Hydrobromicum (E), Brometum Scopolamicum (S). The hydrobromide, $C_{17}H_{21}NO_4HBr+3HO$, of lævorotatory scopolamine, also known as hyoscine, obtained from various plants of the *solanaceæ*. Tests for identity and purity.

Average dose: 0.0003 gm. or $\frac{1}{200}$ grain.

SCUTELLARIA, N. F. IV. Part II. From U. S. P. VIII. Scutell.

Scutellaria, Skullcap. The dried plant of *Scutellaria lateriflora* Linné. Yields not more than 12 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparation: N. F.—Fluidextractum Scutellariæ, Tinctura Viburni Opuli Composita.

SENECIO, N. F. IV. Part II.

Senecio, Life Root. The dried overground portions of *Senecio aureus* Linné gathered when flowering.

Average dose: 4 gm. or 1 drachm.

Preparation: N. F.—Fluidextractum Senecionis.

SENEGA, U. S. P. IX. Seneg.

Senega, Seneca Snakeroot, Senega Snakeroot. Official in European pharmacopœias as Radix Senegæ (E). The dried roots of *Polygala Senega* Linné, without admixture of more than 5 per cent of stems and other foreign matter. Yields not more than 5 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparations: U. S. P.—Fluidextractum Senegæ (which see).

SENNA, U. S. P. IX. Senn.

Senna. Official in European pharmacopœias as Folia Sennae (E). The dried leaflets of *Cassia acutifolia* Delile, known in commerce as Alexandria Senna, or of *Cassia angustifolia* Vahl, known in commerce as India Senna without admixture of more than 10 per cent of stem tissues, pods, seeds, and other impurities. Yields not more than 2 per cent of ash. The ash insoluble in HCl is not more than 3 per cent of the senna taken.

Average dose: 4 gm. or 1 drachm.

Preparations: U. S. P.—Fluidextractum Sennæ (which see), Infusum Sennæ Compositum, Pulvis Glycyrrhizæ Compositus.

N. F.—Confectio Sennæ, Species Laxativæ.

SERPENTARIA, U. S. P. IX. Serpent.

Serpentaria, Texas Snakeroot, Virginia Snakeroot. The dried rhizome and roots of *Aristolochia serpentaria* Linné, known in commerce as Virginia Snakeroot, or of *Aristolochia reticulata.* Nutall, known in commerce as Texas Snakeroot, without admixture of more than 10 per cent of the stems or other foreign matter.

Average dose: 1 gm. or 15 grains.

Preparations: U. S. P.—Tinctura Cinchonæ Composita.

N. F.—Fluidextractum Serpentariæ, Tinctura Serpentariæ.

SERUM ANTIDIPHTHERICUM, U. S. P. IX. Ser. Antidiph.

Antidiphtheric Serum, Diphtheria Antitoxin. A fluid having a potency of not less than 250 antitoxic units per mil, separated from the coagulated blood of the horse, *Equus Caballus* Linné, or other large domestic animal, which has been properly immunized against diphtheria toxin. The standard of strength expressed in units of antitoxic power shall be that established by the United States Public Health Service.

Average dose: Hypodermic, curative 10,000 units; protective, 1,000 units.

SERUM ANTIDIPHTHERICUM PURIFICATUM, U. S. P. IX. New.
Ser. Antidiph. Purif.

Purified Antidiphtheric Serum, Antidiphtheric Globulin, Concentrated Diphtheria Antitoxin, Diphtheric Antitoxin Globulins, Refined and Concentrated Diphtheria Antitoxin. A solution in physiologic solution of sodium chloride, of certain antitoxic proteins obtained from the blood serum or plasma of the horse *Equus Caballus* Linné, or other large domestic animal, which has been properly immunized against diphtheria toxin.

Average dose: Hypodermic, curative 10,000 units; protective, 1,000 units.

SERUM ANTIDIPHTHERICUM SICCUM, U. S. P. IX. New.
Ser. Antidiph. Sicc.

Dried Antidiphtheric Serum, Dried Diphtheria Antitoxin. Obtained by the evaporation of either antidiphtheric serum or purified antidiphtheric serum. Must comply with the requirements under serum antidiphthericum.

Average dose: Hypodermic, curative, 10,000 units; protective, 1,000 units.

SERUM ANTITETANICUM, U. S. P. IX. New. Ser. Antitetan.

Antitetanic Serum, Tetanus Antitoxin. A fluid separated from the coagulated blood of the horse, *Equus Caballus* Linné, or other large domestic animal, which has been properly immunized against tetanus toxin.

Average dose: Hypodermic, curative, 10,000 units; protective, 1,500 units.

SERUM ANTITETANICUM PURIFICATUM, U. S. P. IX. New.
Ser. Antitetan. Purif.

Purified Antitetanic Serum, Antitetanic Globulins, Concentrated Tetanus Antitoxin, Refined and Concentrated Tetanus Antitoxin, Tetanus Antitoxin Globulins. A solution in physiologic solution of sodium chloride of certain antitoxic proteins obtained from the blood or plasma of the horse, *Equus Caballus* Linné, or other large domestic animal, which has been properly immunized against tetanus toxin. Must comply with the requirements for loss of potency, control, labeling, and standard for potency under Serum Antitetanicum.

Average dose: Hypodermic, curative, 10,000 units; protective, 1,500 units.

SERUM ANTITETANICUM SICCUM, U. S. P. IX. New.
Ser. Antitetan. Sicc.

Dried Antitetanic Serum, Dried Tetanus Antitoxin. Obtained by the evaporation of either antitetanic serum or purified antitetanic serum. Must comply with the requirements for control and labeling under Serum Antitetanicum, and the standard of strength expressed in units of antitoxic power shall be that established by the United States Public Health Service.

Average dose: Hypodermic, curative, 10,000 units; protective, 1,500 units.

SEVUM BENZOINATUM, N. F. IV. New. Sev. Benz.

Benzoinated Suet. Contains soluble constituents of benzoin (3) in prepared suet (to make 100).

Preparations: N. F.—Mulla Acidi Salicylici, Mulla Creosoti, Salicylata, Mulla Hydrargyri Chloridi Corrosivi, Mulla Zinci.

SEVUM PRÆPARATUM, U. S. P. IX. Sev. Præp.

Prepared Suet, Mutton Suet. Official in European pharmacopœias as Sebum Ovile (E). The internal fat of the abdomen of the sheep, purified by melting and straining. Tests for identity and purity. Saponification value from 193 to 200. Iodine value from 33 to 48.

Preparations: U. S. P.—Unguentum Hydrargyri.

N. F.—Ceratum Resinæ Compositum, Sevum Benzoinatum, Unguentum Fuscum.

SINAPIS ALBA, U. S. P. Sinap. Alb.

White Mustard, Yellow Mustard. Official in European pharmacopœias as Semen Sinapis (E). The ripe seeds of *Sinapis alba* Linné, without admixture of more than 5 per cent of other seeds or other foreign matter. Yields not more than 9 per cent of ash.

Average dose: Emetic, 10 gm. or 2½ drachms.

SINAPIS NIGRA, U. S. P. IX. Sinap. Nig.

Black Mustard, Brown Mustard. Official in European pharmacopœias as Semen Sinapis Nigræ (E). The ripe seeds of *Brassica nigra* Koch, without admixture of more than 5 per cent of other seeds or other foreign matter. Yields not more than 9 per cent of ash.

Average dose: Emetic, 10 gm. or 2½ drachms.

Preparation, U. S. P.—Emplastrum Sinapis.

SODA CUM CALCE, N. F. IV. Sod. c. Calc.

Soda with Lime, London Paste. Contains sodium hydroxide (50) and calcium oxide (to make 100).

SODII ACETAS, U. S. P. IX. Sod. Acet.

Sodium Acetate. Official in European pharmacopœias as Natricum Aceticum (E). Contains from 59.97 to 62.96 per cent of anhydrous sodium acetate, corresponding to not less than 99.5 per cent of the crystallized salt, $NaC_2H_3O_2 + 3\ H_2O$. Tests for identity and purity and a method of assay.

Average dose: 1 gm. or 15 grains.

SODII ARSENAS, U. S. P. IX. Sod. Arsen.

Sodium Arsenate. Included in the International Protocol as Natrium Arsenicicum (P. I.). Contains from 58.98 to 61.92 per cent of anhydrous sodium arsenate (disodium ortho-arsenate), corresponding to not less than 99 per cent of the crystallized salt, $Na_2HAsO_4 + 7H_2O$.

Average dose: 0.005 gm. or $\frac{1}{12}$ grain.

Preparation: U. S. P.—Sodii Arsenas Exsiccatus.

SODII ARSENAS EXSICCATUS, U. S. P. IX Sod. Arsen. Exsic.

Exsiccated Sodium Arsenate. Contains when dried not less than 98 per cent of Na_2HAsO_4. Tests for identity and purity and a method of assay.

Average dose: 0.003 gm. or $\frac{1}{20}$ grain.

Preparations: U. S. P.—Liquor Sodii Arsenatis.

N. F.—Liquor Sodii Arsenatis, Pearson.

SODII BENZOAS, U. S. P. IX. Sod. Benz.

Sodium Benzoate. Official in European pharmacopœias as Natrium Benzoicum (E). Contains when dried not less than 99 per cent of $NaC_7H_5O_2$. Tests for identity and purity and a method of assay.

Average dose, 1 gm. or 15 grains.

Preparations: N. F.—Caffeine Sodio-Benzoas, Liquor Antisepticus, Liquor Antisepticus, Alkalinus, Sodii Boro-Benzoas.

SODII BENZOSULPHINIDUM, U. S. P. IX. New. Sod. Benzosulphin. Sodium Benzosulphinide, Sodium-Saccharin, Soluble Saccharin. The sodium salt $NaC_7H_4O_3NS+2H_2O$, of benzosulphinide. Tests for identity and purity. Average dose: 0.2 gm or 3 grains.
Preparations: N. F.—Trochisci Quininæ Tannatis.

SODII BICARBONAS, U. S. P. IX. Sod. Bicarb.
Sodium Bicarbonate. Official in European pharmacopœias as Natrium Bicarbonicum (E), Bicarbonas Natricus Depuratus (S). Contains when dried not less than 99 per cent of $NaHCO_3$. Tests for identity and purity and a method of assay.
Average dose: 1 gm. or 15 grains.
Preparations: U. S. P.—Trochisci Sodii Bircarbonatis. Used in making: Caffeina Citrata Effervescens, Ferri Carbonas Saccharatus, Pulvis Effervescens Compositus, Sodii Phosphas Effervescens.
N. F.—Liquor Pancreatini, Liquor Sodæ et Menthæ, Mistura Rhei Composita, Mistura Rhei et Sodæ, Pulvis Acetanilidi Compositus, Pulvis Pancreaticus Compositus. Used in making: Glyceritum Bismuthi, Liquor Phosphatum Compositus, Liquor Sodii Boratis Compositus, Liquor Sodii Citratis, Liquor Sodii Citro-Tartratis Effervescens, Liquor Citras Effervescens, Sales Effervescentes.

SODII BICARBONAS SACCHARATUS, N. F. III. Deleted.

SODII BISULPHIS, U. S. P. VIII. Deleted.

SODII BORAS, U. S. P. IX. Sod. Bor.
Sodium Borate, Borax, Sodium Tetraborate, Sodium Pyroborate. Official in European pharmacopœias as Borax (E), Biboras Natricus (S). Contains from 52.32 to 54.93 per cent of anhydrous sodium borate (Sodium biborate or tetraborate), corresponding to not less than 99 per cent of the crystallized salt, $Na_2B_4O_7+10H_2O$. Tests for identity and purity. Method of assay.
Average dose: 0.75 gm. or 12 grains.
Preparations: U. S. P.—Unguentum Aquæ Rosæ.
N. F.—Liquor Antisepticus Alkalinus, Liquor Sodii Boratis Compositus, Mel Rosæ et Sodii Boratis, Mel Sodii Boratis, Sodii Boro-Benzoas.

SODII BORO-BENZOAS, N. F. IV. Sod. Boro-Benz.
Sodium Boro-Benzoate. Contains sodium borate (43) and sodium benzoate (to make 100).
Average dose: 2 gm. or 30 grains.

SODII BROMIDUM, U. S. P. IX. Sod. Brom.
Sodium Bromide. Official in European pharmacopœias as Natrium Bromatum (E), Brometum Natricum (S). Contains when

dried not less than 98.5 per cent of NaBr. Tests for identity and purity and a method of assay.

Average dose: 1 gm. or 15 grains.

Preparations: N. F.—Elixir Sodii Bromidi, Elixir Bromidorum, Syrupus Bromidorum.

SODII CACODYLAS, U. S. P. IX. New. Sod. Cacody.

Sodium Cacodylate. Sodium dimethylarsenate $Na(CH_3)_2AsO$ with a somewhat variable amount of water of crystallization. Contains from 72 to 75 per cent of $Na(CH_3)_2AsO$. Tests for identity and purity and a method of assay.

Average dose: 0.06 gm. or 1 grain.

SODII CARBONAS EXSICCATUS, N. F. III. Deleted.

SODII CARBONAS MONOHYDRATUS, U. S. P. IX. Sod. Carb. Monohyd.

Monohydrated Sodium Carbonate. The crystalline salt is official in European pharmacopœias as Natrium Carbonicum (E). Carbonas Natricus (S). Contains not less than 99.5 per cent of $Na_2CO_3+H_2O$. Tests for identity and purity. Method of assay.

Average dose: 0.25 gm. or 4 grains.

Preparations: U. S. P.—Used in making Liquor Sodæ Chlorinatæ, Massa Ferri Carbonatis, Suppositoria Glycerini.

N. F.—Used in making: Elixir Formatum, Elixir Formatum Compositum, Ferri Oxidum Saccharatum, Linimentum Saponato-Camphoratum, Liquor Alumini Acetico-Tartratis, Sal Carolinum Factitium.

SODII CHLORAS, U. S. P. VIII. Deleted.

SODII CHLORIDUM, U. S. P. IX. Sod. Chlorid.

Sodium Chloride. Official in European pharmacopœias as Natrium Chloratum (E), Chloretum Natricum (S). Contains when dried not less than 99 per cent of NaCl. Tests for identity and purity and a method of assay.

Average dose: 15 gm. or 4 drachms.

Preparations: U. S. P.—Liquor Sodii Chloridi Physiologicus. N. F.—Liquor Pancreatini, Lotio Ammoniacalis Camphorata, Sal Carolinum Factitium, Sal Kissingense Factitium, Sal Vichyanum Factitium.

SODII CITRAS, U. S. P. IX. Sod. Cit.

Sodium Citrate. Official in the Norwegian pharmacopœia as Citras Natricus. Contains not less than 98 per cent of $Na_3C_6H_5O_7 + 2H_2O$. Tests for identity and purity and a method of assay.

Average dose: 1 gm. or 15 grains.

Preparations: N. F.—Elixir Gentianæ, Liquor Ferri Albuminati, Liquor Ferri Peptonati, Liquor Ferri Peptonati et Mangani, Syrupus Hypophosphitum Compositus, Tinctura Ferri Citro-Chloridi.

SODII CYANIDUM, U. S. P. IX. New. Sod. Cyanid.

Sodium Cyanide. Contains not less than 95 per cent of NaCN. Replaces Potassium Cyanide of the U. S. P. VIII. Tests for identity and purity and a method of assay.

SODII GLYCEROPHOSPHAS, U. S. P. IX. New. Sod. Glycerophos.

Sodium Glycerophosphate. Sodium Glycerinophosphate. Hydrated sodium glycerophosphate containing not less than 68 per cent of the anhydrous salt, $Na_2C_3H_7PO_6$. Tests for identity and purity and a method of assay.

Average dose: 0.25 gm. or 4 grains.

Preparations: N. F.—Elixir Calcii et Sodii Glycerophosphatum, Elixir Glycerophosphatum Compositum.

SODII HYDROXIDUM, U. S. P. IX. Sod. Hydrox.

Sodium Hydroxide, Caustic Soda, Soda, Sodium Hydrate. Official in European pharmacopœias as Natrium Causticum (E), Hydras Natricus (S). Contains not less than 90 per cent of NaOH. Tests for identity and purity and a method of assay.

Preparations: U. S. P.—Liquor Sodii Hydroxidi.

N. F.—Soda cum Calce.

SODII HYPOPHOSPHIS, U. S. P. IX. Sod. Hypophos.

Sodium Hypophosphite. Contains when dried not less than 98 per cent of $NaPH_2O_2+H_2O$. Tests for identity and purity and a method of assay.

Average dose: 1 gm. 15 grains.

Preparations: U. S. P.—Syrupus Hypoposphitum.

N. F.—Elixir Cinchonæ Alkaloidarum et Hypophosphitum, Elixir Hypophosphitum, Elixir Hypophosphitum cum Ferro, Elixir Sodii Hypophosphitis, Emulsum Olei Morrhuæ cum Hypophosphitibus, Liquor Hypophosphitum, Liquor Hypophosphitum Compositus, Syrupus Calcii et Sodii Hypophosphitum, Syrupus Hypophosphitum Compositus, Syrupus Sodii Hypophosphitis.

SODII INDIGOTINDISULPHONAS, U. S. P. IX. New. Sod. Indigotin.

Sodium Indigotindisulphonate, Indigo Carmine. Chiefly the sodium salt $C_{16}H_8O_2N_2(SO_3Na)_2$, of indigotindisulphonic acid. Tests for identity and purity.

SODII IODIDUM, U. S. P. IX. Sod. Iod.

Sodium Iodide. Official in European pharmacopœias as Natrium Jodatum (E), Jodetum Natricum (S). Contains when dried not less than 99 per cent of NaI. Contains not more than 7 per cent of moisture.

Average dose: 0.3 gm. or 5 grains.

SODII NITRAS, U. S. P. VIII. Deleted.

SODII NITRIS, U. S. P. IX. Sod. Nitris.

Sodium Nitrite. Official in European pharmacopœias as Natrium Nitrosum (E). Contains when dried not less than 95 per cent of $NaNO_2$. Tests for identity and purity and a method of assay.

Average dose: 0.06 gm. or 1 grain.

SODII PERBORAS, U. S. P. IX. New. Sod. Perbor.

Sodium Perborate. Official in European pharmacopœias as Natrium Phosphoricum (E), Phosphas Natricus (S). Contains not less than 9 per cent of available oxygen, corresponding to about 86.5 per cent of $NaBO_3 + 4H_2O$. Tests for identity and purity and a method of assay.

Average dose: 0.06 gm. or 1 grain.

SODII PHENOLSULPHONAS, U. S. P. IX. Sod. Phenolsulph.

Sodium Phenolsulphonate. Sodium Sulphocarbolate. Contains from 83.64 to 87.82 per cent of anhydrous sodium phenolsulphonate (Sodium paraphenolsulphonate, corresponding to not less than 99 per cent of the crystallized salt $NaC_6H_5O.SO_3 + 2H_2O$.

Average dose: 0.25 gm. or 4 grains.

SODII PHOSPHAS, U. S. P. IX. Sod. Phos.

Sodium Phosphate. Contains from 39.25 to 44 per cent of anhydrous sodium phosphate (di-sodium-ortho-phosphate), corresponding to not less than 99 per cent of the crystallized salt $Na_2HPO_4 + 12H_2O$. Tests for identity and purity and a method of assay.

Average dose: 4 gm. or 1 drachm.

Preparations: U. S. P.—Sodii Phosphas Exsiccatus (which see).

N. F.—Liquor Sodii Phosphatis Compositus.

SODII PHOSPHAS EFFERVESCENS, U. S. P. IX. Sod. Phos. Eff.

Effervescent Sodium Phosphate. A mixture of exsiccated sodium phosphate (20), sodium bicarbonate (47.7), tartaric acid (25.2), and citric acid (to make 100).

Average dose: 10 gm. or 2½ drachms.

SODII PHOSPHAS EXSICCATUS, U. S. P. IX. Sod. Phos. Exsic.

Exsiccated Sodium Phosphate. Official in European pharmacopœias as Natrium Phosphoricum Siccum (E). Contains when dried not less than 98 per cent of Na_2HPO_4. Tests for identity and purity and a method of assay.

Average dose: 2 gm. or 30 grains.

Preparation: R. S. P.—Sodii Phosphas Effervescens.

SODII PYROPHOSPHAS, U. S. P. VIII. Deleted.

SODII SALICYLAS, U. S. P. IX. Sod. Salicyl.

Sodium Salicylate. Official in European pharmacopœias as Natrium Salicylicum (E), Salicylas Natricus (S). Contains when dried not less than 99.5 per cent of $NaC_7H_5O_3$. Tests for identity and purity and a method of assay.

Average dose: 1 gm. or 15 grains.

Preparations: N. F.—Caffeinæ Sodio-Salicylas, Elixir Sodii Salicylatis, Elixir Sodii Salicylatis Compositum, Liquor Antisepticus, Liquor Ferri Salicylatis.

SODII SULPHAS, U. S. P. IX. Sod. Sulph.

Sodium Sulphate, Glauber's Salt. Official in European pharmacopœias as Natrium Sulfuricum (E), Sulfas Natricus (S). Contains from 43.64 to 48 per cent of anhydrous sodium sulphate, corresponding to not less than 99 per cent of the crystallized salt $Na_2SO_4 + 10H_2O$. Tests for identity and purity and a method of assay.

Average dose: 15 gm. or 4 drachms.

Preparation: N. F.—Sal Carolinum Factitium.

SODII SULPHIS, U. S. P. VIII. See Sodii Sulphis Exsiccatus, U. S. P.

SODII SULPHIS EXSICCATUS, U. S. P. IX. New. Sod. Sulphis Exsic.

Exsiccated Sodium Sulphate. Contains not less than 90 per cent of Na_2SO_3. Tests for identity and purity and a method of assay.

Average dose: 1 gm. or 15 grains.

SODII THIOSULPHAS, U. S. P. IX. Sod. Thiosulph.

Sodium Thiosulphate, Sodium Hyposulphite. Official in European pharmacopœias as Natrium Thiosulphuricum (E). Contains from 63.07 to 67.48 per cent of anhydrous sodium thiosulphate, corresponding to not less than 99 per cent of the crystallized salt $Na_2S_2O_3 + 5H_2O$. Tests for identity and purity and a method of assay.

Average dose: 1 gm. or 15 grains.

Preparations: N. F.—Tinctura Iodi Decolorata, Unguentum Potassii Iodidi.

SOLANUM, N. F. IV. Part II. Solan.

Solanum, Horse-nettle Berries. The air-dried ripe fruit of *Solanum carolinense* Linné. Yields not more than 6 per cent of ash.

Average dose: 4 gm. or 1 drachm.

Preparation: N. F.—Fluidextractum Solani.

SPARTEINÆ SULPHAS, U. S. P. IX. Spartein Sulph.

Sparteine Sulphate. Official in European pharmacopœias as Sparteinum Sulfuricum (E), Sulfas Sparteicus (S). The sulphate $C_{15}H_{26}N_2.H_2SO_4 + 5H_2O$, of sparteine, a liquid alkaloid obtained from *Cytisus Scoparius* Link. Tests for identity and purity. Ash not to exceed 0.1 per cent.

Average dose: 0.01 gm. or $\frac{1}{6}$ grain.

SPECIES EMOLLIENTES, N. F. IV. Spec. Emoll.

Emollient Species, Emollient Cataplasm. Contains althæa leaves (20), mallow leaves (20), Melilot (20), matricaria (20), and flaxseed (to make 100).

NOTE: Emollient poultice is made by adding a suitable quantity of hot water.

SPECIES LAXANTES, N. F. III. See Species Laxativæ, N. F.

SPECIES LAXATIVÆ, N. F. IV. Spec. Lax.

Laxative Species, Species Laxantes, N. F. III, St. Germain Tea. Contains senna (40), elder flowers (25), fennel (12.5), anise (12.5), and potassium bitartrate (to make 100).

Average dose: 1.3 gm. or 20 grains.

SPECIES PECTORALES, N. F. IV. Spec. Pect.

Pectoral Species, Species ad Infusum Pectorale, Breast Tea. Contains althæa (40), coltsfoot (20), glycyrrhiza (15), anise (10), mullein flowers (10), and orris root (to make 100).

Average dose: 4 gm. or 1 drachm.

SPIGELIA, U. S. P. IX. Spigel.

Spigelia, Pinkroot, Indian Pink, Worm Grass. The dried rhizome and roots of *Spigelia marilandica* Linné without admixture of more than 10 per cent of stems or other foreign matter. Yields not more than 10 per cent of ash.

Average dose: 4 gm. or 60 grains.

Preparations: U. S. P.—Fluidextractum Spigeliæ.

SPIRITUS ACIDI FORMICI, N. F. IV. Sp. Ac. Formic.

Spirit of Formic Acid, Spiritus Formicarum, Spirit of Ants. Contains formic acid (4), distilled water (22.5), and alcohol (to make 100).

Average dose: 4 mils or 1 fluidrachm.

SPIRITUS ÆTHERIS, U. S. P. IX. Sp. Æth.

Spirit of Ether, Hoffmann's Drops. Official in European pharmacopœias as Spiritus Æthereus (E), Æther Spirituosus (S). A mixture of ether (32.5) with alcohol (to make 100).

Average dose: 4 mils or 1 fluidrachm.

SPIRITUS ÆTHERIS COMPOSITUS, N. F. IV. From U. S. P. VIII. Sp. Æther. Co.

Compound Spirit of Ether, Hoffmann's Anodyne. Contains ether (32.5), ethereal oil (2.5), and alcohol (to make 100).

Average dose: 4 mils or 1 fluidrachm.

SPIRITUS ÆTHERIS NITROSI, U. S. P. IX. Sp. Æth. Nitros.

Spirit of Nitrous Ether, Sweet Spirit of Nitre. An alcoholic solution of ethyl nitrite, containing from 3.5 to 4.5 per cent of $C_2H_5NO_2$.

Directions for making. Tests for identity and purity and a method of assay.

Average dose: 2 mils or 30 minims.

Preparations: U. S. P.—Mistura Glycyrrhizæ Composita.

N. F.—Mistura Copaibæ, Mistura Copaibæ et Opii.

SPIRITUS AMMONIÆ, U. S. P. VIII. Deleted.

SPIRITUS AMMONIÆ ANISATUS, N. F. IV. New. Sp. Ammon. Anis.

Anisated Spirit of Ammonia, Liquor Ammonii Anisatus, Anisated Solution of Ammonia. Contains anethol (3), ammonia water (20), and alcohol (to make 100).

Average dose: 1 mil or 15 minims.

SPIRITUS AMMONIÆ AROMATICUS, U. S. P. IX. Sp. Ammon. Arom.

Aromatic Spirit of Ammonia. A solution of ammonium carbonate (3.4) in a mixture of ammonia water (9), oil of lemon (1), oil of lavender (0.1), oil of myristica (0.1), alcohol (70), and water to (make 100). Specific gravity about 0.900 at 25°.

Average dose: 2 mils or 30 minims.

Preparations: U. S. P.—Tinctura Guaiaci Ammoniata, Tinctura Valerianae Ammoniata.

N. F.—Liquor Sodæ et Menthæ, Tinctura Kino et Opii Composita.

SPIRITUS AMYGDALÆ AMARÆ, U. S. P. IX. Sp. Amygd. Amar.

Spirit of Bitter Almond. A solution of oil of bitter almond (1), in a mixture of alcohol (80), and distilled water (to make 100). This spirit is intended for medicinal use and must not be used for flavoring food.

Average dose: 0.5 mil or 8 minims.

Preparations: N. F.—Elixir Anisi, Elixir Terpini Hydratis, Elixir Zinci Valeratis.

SPIRITUS ANISI, U. S. P. IX. Sp. Anisi.

Spirit of Anise. A solution of oil of anise (10) in alcohol (to make 100).

Average dose: 2 mils or 30 minims.

SPIRITUS AROMATICUS, N. F. III. Deleted.

SPIRITUS AURANTII, N. F. III. Deleted.

SPIRITUS AURANTII COMPOSITUS, U. S. P. IX. Sp. Aurant. Co.

Compound Spirit of Orange. A solution of oil of orange (20), oil of lemon (5), oil of coriander (2), oil of anise (5) in alcohol (to make 100).

Preparations: U. S. P.—Elixir Aromaticum (which see).

N. F.—Elixir Calcii Lactophosphatis, Elixir Ferri Quininæ et Strychninæ, Elixir Phosphori, Vinum Carnis et Ferri.

SPIRITUS CAMPHORÆ, U. S. P. IX. Sp. Camph.

Spirit of Camphor. Official in European pharmacopæias as Spiritus Camphoratus (E). Contains from 9.5 to 10.5 w/v per cent of camphor. Directions for making and a method of assay.

Average dose: 1 mil or 15 minims.

Preparations: N. F.—Lotio Ammoniacalis Camphorata, Mistura Opii et Chloroformi Composita, Mistura Opii et Rhei Composita, Tinctura Kino et Opii Composita, Tinctura Pectoralis.

SPIRITUS CARDAMOMI COMPOSITUS, N. F. III. Deleted.

The preparation now official is much stronger.

SPIRITUS CARDAMOMI COMPOSITUS, N. F. IV. New. Sp. Card. Co.

Compound Spirit of Cardamom. Contains oil of cardamom (10), oil of orange (10), oil of cinnamon (1), oil of clove (0.5), anethol. (0.5), oil of caraway (0.05), and alcohol (to make 100).

Preparations: N. F.—Elixir Cardamomi Compositum, Elixir Formatum Compositum, Elixir Gentianæ (which see), Elixir Glycerophosphatum Compositum, Elixir Glycyrrhizæ Aquosum, Elixir Hypophosphitum, Liquor Pancreatini.

SPIRITUS CHLOROFORMI, U. S. P. IX. Sp. Chlorof.

Spirit of Chloroform. A solution of chloroform (6) in alcohol (to make 100).

Average dose: 2 mils or 30 minims.

SPIRITUS CINNAMOMI, U. S. P. IX. Sp. Cinnam.

Spirit of Cinnamon. A solution of oil of cinnamon (10) in alcohol (to make 100).

Average dose: 2 mils or 30 minims.

Preparations: U. S. P.—Syrupus Rhei.

N. F.—Syrupus Ipecacuanhæ et Opii.

SPIRITUS CURASSAO, N. F. III. Deleted.

SPIRITUS FRUMENTI, U. S. P. IX. Deleted.

SPIRITUS GAULTHERIÆ, U. S. P. IX. Deleted.

SPITITUS GLYCERYLIS NITRATIS, U. S. P. IX. Sp. Glyceryl. Nit.

Spirit of Glyceryl Trinitrate, Spirit of Glonoin, Spirit of Nitroglycerin. An alcoholic solution containing from 1 to 1.1 per cent of $C_3H_5(NO_3)_3$. Great care must be exercised in dispensing, handling, packing, transporting, and storing this Spirit. Tests for identity and purity and a method of assay.

Average dose: 0.05 mil or 1 minim.

Preparation: N. F.—Pilulæ Nitroglycerini.

SPIRITUS JUNIPERI, U. S. P. IX. Sp. Junip.

Spirit of Juniper. A solution of oil of juniper (5) in alcohol (to make 100).

Average dose: 2 mils or 30 minims.

SPITITUS JUNIPERI COMPOSITUS, U. S. P. Sp. Junip. Co.

Compound Spirit of Juniper. A solution of oil of juniper (0.4), oil of caraway (0.05), oil of fennel (0.05) in a mixture of alcohol (70), and water (to make 100).

Average dose: 10 mils or 2½ fluidrachms.

SPIRITUS LAVANDULÆ, U. S. P. Sp. Lavand.

Spirit of Lavender. A solution of oil of lavender (5) in alcohol (to make 100).

Average dose: 2 mils or 30 minims.

SPIRITUS LIMONIS, N. F. III. Deleted.

SPIRITUS MENTHÆ PIPERITÆ, U. S. P. IX. Sp. Menth. Pip.

Spirit of Peppermint, Essence of Peppermint. A solution of oil of peppermint (10) and the coloring principle contained in peppermint (1) in alcohol (to make 100).

Average dose: 2 mils or 30 minims.

Preparations: N. F.—Elixir Catharticum Compositum, Liquor Phosphori, Mistura Opii et Rhei Compositæ, Mistura Rhei Alkalina, Syrupus Ficorum Compositus.

SPIRITUS MENTHÆ VIRIDIS, U. S. P. IX. Sp. Menth. Vir.

Spirit of Spearmint. A solution of oil of spearmint (10) and the coloring principle of spearmint (1) in alcohol (to make 100).

Average dose: 2 mils or 30 minims.

SPIRITUS MYRCIÆ, N. F. III. See Spiritus Myrciæ Compositus, N. F. IV.

SPIRITUS MYRCIÆ COMPOSITUS, N. F. IV. Sp. Myrciæ Co.

Compound Spirit of Myrcia. Contains oil of myrcia (0.8), oil of sweet orange (0.05), oil of pimenta (0.05), alcohol (61), and water (to make 100).

SPIRITUS MYRISTICÆ, N. F. III. Deleted.

SPIRITUS ODORATUS, N. F. IV. Sp. Odorat.

Perfumed Spirit. Contains oil of bergamot (1.5), oil of lemon (0.8), oil of rosemary (0.7), oil of lavender (0.4), oil of orange flowers (0.4), acetic ether (0.2), water (12), and alcohol (to make 100).

SPIRITUS OLEI VOLATILIS, N. F. III. See Spiritus Oleorum Volatilum, N. F.

SPIRITUS OLEORUM VOLATILUM, N. F. IV.

Spirit of Volatile Oils. Contains the volatile oil (6.5) and alcohol (to make 100).

SPIRITUS OPHTHALMICUS, N. F. III. Deleted.

SPIRITUS PHOSPHORI, N. F. III. Deleted.

SPIRITUS SAPONATUS, N. F. III. Deleted.

SPIRITUS SINAPIS, N. F. IV. Sp. Sinap.

Spirit of Mustard. Contains volatile oil of mustard (2) and alcohol (to make 100).

SPIRITUS VANILLINI COMPOSITUS, N. F. IV. New. Sp. Vanil. Co.

Compound Spirit of Vanillin. Contains vanillin (20), oil of orange (5), oil of cardamom (1), oil of cinnamon (0.5), and alcohol (to make 100).

Preparations: N. F.—Elixir Vanillini Compositum, Syrupus Ammonii Hypophosphitis.

SPIRITUS VINI GALLICI, U. S. P. VIII. Deleted.

SPONGIA COMPRESSA, N. F. III. Deleted.

SPONGIA DECOLORATA, N. F. III. Deleted.

STAPHISAGRIA, U. S. P. IX. Staphisag.

Staphisagria, Stavesacre. The ripe seeds of *Delphinium staphisagria* Linné without admixture of more than 2 per cent of foreign vegetable matter.

Average dose: 0.06 gm. or 1 grain.

Preparation: U. S. P.—Fluidextractum Staphisagriæ.

STILI DILUBILES, N. F. IV. Stil. Dilub.

Paste Pencils, Unna Pencils. A general formula with directions for making.

STILI ACIDI SALICYLICI DILUBILIS, N. F. IV.
Stil. Acid. Salicyl. Dilub.

Salicylic Acid Pencil. A mixture of salicylic acid (10), tragacanth (5), starch (30), white dextrin (35), sugar (20), and distilled water (to make from 40 to 45 pencils).

STILUS ACIDI SALICYLI DILUBILIS, N. F. III. See Stili Acidi Salicylici Dilubilis, N. F.

STILUS COCAINÆ DILUBILIS, N. F. III. Deleted.

STILLINGIA, U. S. P. IX. Stilling.

Stillingia, Queen's Root, Queen's Delight. The dried roots of *Stillingia sylvatica* Linné. Yields not more than 5 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparations: U. S. P.—Fluidextractum Stillingiæ.
N. F.—Fluidextractum Stillingiæ Compositum.

STRAMONIUM, U. S. P. IX. Stramon.

Stramonium, Jamestown Weed, Jimson Weed. Official in European pharmacopœias as Folium Stramonii (E). The dried leaves of *Datura stramonium* Linné, or of *Datura tatula* Linné without admixture of more than 10 per cent of stems or other foreign matter. Yields not more than 20 per cent of ash.

Average dose: 0.06 gm. or 1 grain.

Preparations: U. S. P.—Extractum Stramonii (Pilular) (which see). Extractum Stramonii (Powdered), Tinctura Stramonii.

N. F.—Fluidextractum Stramonii.

STRONTII BROMIDUM, U. S. P. IX. Stront. Brom.

Strontium Bromide. Contains not less than 98 per cent of $SrBr_2+6H_2O$. Tests for identity and purity.

Average dose: 1 gm. or 15 grains.

STRONTII CARBONAS, N. F. IV. Part II. Stront. Carb.

Strontium Carbonate. Contains when dried not less than 99 per cent of $SrCO_3$. Tests and a method of assay.

Preparation: N. F.—Used in making: Elixir Formatum Compositum.

STRONTII IODIDUM, U. S. P. IX. Stront. Iod.

Strontium Iodide. Contains not less than 99 per cent of SrI_2+6H_2O. Tests for identity and purity and a method of assay.

Average dose: 0.3 gm. or 5 grains.

STRONTII SALICYLAS, U. S. P. IX. Stront. Salicyl.

Strontium Salicylate. Contains when dried not less than 99 per cent of $Sr(C_7H_5O_3)_2+2H_2O$. Tests for identity and purity and a method of assay.

Average dose: 1 gm. or 15 grains.

STROPHANTHINUM, U. S. P. IX. Strophanthin.

Strophanthin. A glucoside or mixture of glucosides obtained from strophanthus. It should be tasted only in very diluted solution. Tests for identity and purity.

Average dose: Mouth, 0.001 gm. or $\frac{1}{60}$ grain; intravenous, 0.00075 gm. or $\frac{1}{80}$ grain.

STROPHANTHUS, U. S. P. IX. Strophanth.

Strophanthus. Official in European pharmacopœias as Semen Strophanthi (E). The dried, ripe seeds of *Strophanthus Kombe* Oliver, or of *Strophanthus hispidus* De Candolle. Biological standard and method of assay. Yields not more than 5 per cent of ash.

Average dose: 0.06 gm. or 1 grain.

Preparation: U. S. P.—Tinctura Strophanthi.

STRYCHNINA, U. S. P. IX. Strych.

Strychnine. Official in European pharmacopœias as Strychninum (E). An alkaloid $C_{21}H_{22}O_2N_2$, obtained from nux vomica, and also obtained from other seeds of the *Loganiaceæ*. Yields not more than 0.1 per cent of ash. Tests for identity and purity.

Average dose: 0.0015 gm. or $\frac{1}{40}$ grain.

Preparations: N. F.—Elixir Ferri Pyrophosphatis, Quininæ et Strychninæ, Elixir Glycerophosphatum Compositum, Elixir Pepsini, Bismuthi et Strychninæ, Liquor Hypophosphitum Compositus, Liquor Strychninæ Acetatis, Pilulæ Antidyspepticæ, Pilulæ Aloini, Strychninæ et Belladonnæ, Pilulæ Aloini, Strychninæ et Belladonnæ, Compositæ, Pilulæ Ferri, Quininæ, Strychninæ et Arsenici Fortiores, Pilulæ Ferri, Quininæ, Strychninæ et Arsenici Mites, Pilulæ Laxativæ Compositæ, Syrupus Ferri, Quininæ et Strychninæ Phosphatum, Syrupus Hypophosphitum Compositus.

STRYCHNINÆ GLYCEROPHOSPHAS, N. F. IV. Part II.
Strych. Glycerophos.

Strychnine Glycerophosphate, Strychnine Glycerinophosphate The glycerophosphate $(C_{21}H_{22}O_2N_2)_2PO_4H_2(C_3H_7O_2)+6H_2O$ of the alkaloid strychnine. Tests for identity and purity.

Average dose: 0.0015 gm. or $\frac{1}{40}$ grain.

Preparation: N. F.—Elixir Glycerophosphatum Compositum.

STRYCHNINÆ NITRAS, U. S. P. IX. Strych. Nit.

Strychnine Nitrate. Official in European pharmacopœias as Strychninum Nitricum (E). The nitrate $C_{21}H_{22}O_2N_2.HNO_3$ of the alkaloid strychnine. Tests for identity and purity.

Average dose: 0.0015 gm. or $\frac{1}{40}$ grain.

Preparations: N. F.—Syrupus Phosphatum cum Quininæ et Strychninæ.

STRYCHNINÆ SULPHAS, U. S. P. IX. Strych. Sulph.

Strychnine Sulphate. Official in European pharmacopœias as Strychninum Sulfuricum (E). The sulphate $(C_{21}H_{22}O_2N_2.)_2H_2SO_4+5H_2O$ of the alkaloid strychnine. Tests for identity and purity.

Average dose: 0.0015 gm. or $\frac{1}{40}$ grain.

Preparations: N. F.—Elixir Cinchonæ Alkaloidarum Ferri et Strychninæ, Elixir Cinchonæ Alkaloidarum Ferri, Bismuthi et Strychninæ, Elixir Ferri, Quininæ et Strychninæ, Elixir Quininæ Valeratis et Strychninæ.

STRYCHNINÆ VALERAS, N. F. IV. Part II. Strych. Valer.

Strychninæ Valerate. The valerate $C_{21}H_{22}O_2N_2.HC_5H_9O_2$ of the alkaloid strychnine. Tests for identity and purity.

Average dose: 0.0015 gm. or $\frac{1}{40}$ grain.

Preparation: Elixir Strychninæ Valeratis.

STYRAX, U. S. P. IX.

Storax, Liquid Storax, Official in European pharmacopœias as Styrax Liquidus (E), Balsam Styrax Liquidus (S). A balsam obtained from the wood and inner bark of *Liquidambar orientalis* Miller. Tests for identity and a limited solubility. Acid value should be from 56 to 85. Saponification value from 170 to 230. Yields not more than 1 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparation: U. S. P.—Tinctura Benzoini Composita.

SUCCUS CITRI, N. F. IV. Part II. Suc. Cit.

Lime Juice. The expressed juice of the ripe fruit of *Citrus medica acida* Bonavia, containing from 5 to 10 w/v per cent of total acids, calculated as crystallized citric acid.

Preparation: N. F.—Succus Citri et Pepsinum.

SUCCUS CITRI ET PEPSINUM, N. F. IV. Suc. Cit. et Pepsin.

Lime Juice and Pepsin, replacing Succus Limettæ cum Pepsino, N. F. III. A mixture of glycerite of pepsin (40) and lime juice (to make 100).

Average dose: 8 mils or 2 fluidrachms.

SUCCUS LIMETTÆ CUM PEPSINO, N. F. III. See Succus Citri et Pepsinum, N. F. IV.

SUCCUS POMORUM, N. F. IV. Part II. Suc. Pomor.

Fresh Apple Juice. The freshly expressed juice of sound, ripe, sour apples, the fruit of cultivated varieties of *Pyrus malus* Linné.

Preparation: N. F.—Extractum Ferri Pomatum.

SULPHONETHYLMETHANUM, U. S. P. IX. Sulphonethylmeth.

Sulphonethylmethane, Trional, Methyl Sulphonal. Official in European pharmacopœias as Trionalum (E). Diethylsulphonemethylethylmethane, $C_8H_{18}S_2O_4$. Should melt at from 74 to 76°. Decomposed at higher temperatures. Yields not more than 0.05 per cent of ash. Tests for identity and purity.

Average dose: 0.75 gm. or 12 grains.

SULPHONMETHANUM, U. S. P. IX. Sulphonmeth.

Sulphonmethane, Sulphonal. Official in European pharmacopœias as Sulfonalum (E). Diethylsulphonedimethylmethane, $C_7H_{16}S_2O_4$. Tests for identity and purity. Melts between 124 and 126°.

Average dose: 0.75 gm. or 12 grains.

SULPHURIS IODIDUM, N. F. IV. From U. S. P. VIII. Sulphur Iod.

Sulphur Iodide. (Sulphuris Iodidum, U. S. P. VIII). A mixture of washed sulphur (20), and iodine (80) combined by means of heat. Tests for identity and purity and a method of assay.

SULPHUR LOTUM, U. S. P. IX. Sulph. Lot.

Washed Sulphur. Official in European pharmacopœias as Sulfur Depuratum (E). When dried contains not less than 99.5 per cent of S. Directions for washing. Tests for identity and purity and a method of assay.

Average dose: 4 gm. or 1 drachm.

Preparations: U. S. P.—Pulvis Glycyrrhizæ Compositus.

N. F.—Sulphuris Iodidi, Trochisci Sulphuris et Potassii Bitartratis.

SULPHUR PRÆCIPITATUM, U. S. P. IX. Sulph. Præc.

Precipitated Sulphur, Lac Sulphuris, Milk of Sulphur. Official in European pharmacopœias as Sulfur Præcipitatum (E). When dried to constant weight contains not less than 99.5 per cent of S. Tests for identity and purity and a method of assay.

Average dose: 4 gm. or 1 drachm.

Preparations: N. F.—Pasta Naphtholi, Lassar, Pasta Zinci Sulphurata.

SULPHUR SUBLIMATUM, U. S. P. IX. Sulph. Sublim.

Sublimed Sulphur, Flowers of Sulphur. Official in European pharmacopœias as Sulfur Sublimatum (E). Contains when dried not less than 99.5 per cent of S. Tests for identity and purity and a method of assay.

Average dose: 4 gm. or 1 drachm.

Preparations: U. S. P.—Unguentum Sulphuris.

N. F.—Liquor Calcis Sulphuratæ, Petroxolinum Sulphuratum, Unguentum Sulphuris Alkalinum, Unguentum Sulphuris Compositum.

SUMBUL, U. S. P. IX.

Sumbul, Musk-Root. The rhizome and roots of *Ferula Sumbul* Hooker, filius.

Average dose: 2 gm. or 30 grains.

Preparations: U. S. P.—Extractum Sumbul, Fluidextractum Sumbul.

N. F.—Tinctura Sumbul.

SUPPOSITORIA, U. S. P. IX.

Suppositories. A general description with directions for making suppositories with oil of theobroma and with glycerinated gelatin.

SUPPOSITORIA BOROGLYCERINI, N. F. IV. Suppos. Boroglycer.

Suppositories of Boroglycerin. A mixture of glycerinated gelatin (40), glycerite of boroglycerin (30), and glycerin (30) made into suppositories of suitable size.

SUPPOSITORIA GLYCERINI, U. S. P. IX. Supp. Glycerin.

Suppositories of Glycerin. Each suppository contains glycerin (3) with a stearic acid soap.

SUPRARENALUM SICCUM, U. S. P. IX. Supraren. Sicc.

Dried Suprarenals, Glandulæ Suprarenales Siccæ, U. S. P. VIII, Desiccated Suprarenal Glands. The suprarenal glands of animals which are used for food by man, cleaned, dried freed from fat and powdered and containing from 0.4 to 0.6 per cent of epinephrine, the active principle of the suprarenal gland. One part of the dried suprarenals represents approximately 6 parts of fresh glands, free from fat. A biological and a chemical method of assay.

Average dose: 0.25 gm. or 4 grains.

SYRUPI, N. F. IV.

Syrups. A general description with directions for keeping.

SYRUPUS, U. S. P. IX. Syr.

Syrup, Sirup, Simple Syrup. Official in European pharmacopœias as Sirupus Simplex (E). A solution of sugar (85) in distilled water (to make 100).

Preparations: U. S. P.—Elixir Aromaticum, also in other preparations.

N. F.—Elixiria, Syrupi and other preparations.

SYRUPUS ACACIÆ, U. S. P. IX. Syr. Acac.

Syrup of Acacia. A solution of acacia (10) and sugar (80) in distilled water (to make 100).

Preparation: N. F.—Syrupus Morphinæ et Acaciæ.

SYRUPUS ACIDI CITRICI, U. S. P. IX. Syr. Acid. Cit.

Syrup of Citric Acid. Official in European pharmacopæias as Sirupus Citri (E). A solution of citric acid (1) and tincture of lemon peel (1) in syrup (to make 100).

Preparations: U. S. P.—Liquor Magnesii Citratis.

N. F.—Liquor Sodii Citro-Tartratis Effervescens, Liquor Magnesii Sulphatis Effervescens.

SYRUPUS ACIDI HYDRIODICI, U. S. P. IX. Syr. Acid. Hydriod.

Syrup of Hydriodic Acid. Contains from 1.3 to 1.45 w/v per cent of HI. Directions for making. Tests for identity and purity and a method of assay.

Average dose: 4 mils or 1 fluidrachm.

SYRUPUS ACTÆÆ COMPOSITUS, N. F. III. See Syrupus Cimicifugæ Compositus, N. F. IV.

SYRUPUS ALLII, N. F. IV. Syr. Allii.

Syrup of Garlic. Garlic (20) extracted with diluted acetic acid and mixed with sugar (to make 100).

Average dose: 4 mils or 1 fluidrachm.

SYRUPUS ALTHÆÆ, N. F. IV. Syr. Althæ.

Syrup of Althæa, Syrup of Marshmallow. Althæa (5) extracted with a mixture of alcohol and water and the extract mixed with sugar and glycerin (to make 100).

Average dose: 4 mils or 1 fluidrachm.

SYRUPUS AMMONII HYPOPHOSPHITIS, N. F. IV.
Syr. Ammon. Hypophos.

Syrup of Ammonium Hypophosphite. A solution of ammonium hypophosphite (3.5) with diluted hypophosphorous acid (0.2) flavored with compound spirit of vanillin (0.2) and mixed with glycerin (10) and syrup (to make 100).

Average dose: 4 mils or 1 fluidrachm.

SYRUPUS AMYGDALÆ, U. S. P. VIII. Deleted.

SYRUPUS ASARI COMPOSITUS, N. F. IV. Syr. Asar. Co.

Compound Syrup of Asarum (Compound Syrup of Canada Snakeroot). Represents asarum (6.2), cochineal (0.15), potassium carbonate (0.25), fluidextract of ipecac (0.3), alcohol (20), with sugar and water (to make 100).

Average dose: 4 mils or 1 fluidrachm.

SYRUPUS AURANTII, U. S. P. IX. Syr. Aur.

Syrup of Orange. Official in European pharmacopœias as Sirupus Aurantii Corticis (E). A mixture of tincture of sweet orange peel (5), citric acid (0.5), and syrup (to make 100).

SYRUPUS AURANTII FLORUM, U. S. P. IX. Syr. Aur. Flor.

Syrup of Orange Flowers. A solution of sugar (85) in orange flower water (to make 100).

SYRUPUS BROMIDORUM, N. F. IV. Syr. Bromidor.

Syrup of the Bromides. A solution of potassium bromide (8), sodium bromide (8), ammonium bromide (5), calcium bromide (2.5), lithium bromide (0.8), in a mixture of tincture of vanilla (3.2), compound tincture of cudbear (1.6), compound syrup of sarsaparilla (45), and syrup (to make 100).

Average dose: 4 mils or 1 fluidrachm.

SYRUPUS CALCII CHLORHYDROPHOSPHATIS, N. F. III. See Syrupus Calcii Hydrochlorophosphatis, N. F. IV.

SYRUPUS CALCII ET SODII HYPOPHOSPHITUM, N. F. IV.
Syr. Calc. et Sod. Hypophos.

Syrup of Calcium and Sodium Hypophosphites. A solution of calcium hypophosphite (3.5), sodium hypophosphite (3.5), hypophosphorous acid (0.15), and sugar (77.5) in water (to make 100).

Average dose: 4 mils or 1 fluidrachm.

SYRUPUS CALCII HYDROCHLOROOPHOSPHATIS, N. F. IV.
Syr. Calc. Hydrochlorophos.

Syrup of Calcium Hydrochlorophosphate, Syrupus Calcii Chlorhydrophosphatis, N. F. III. A solution of precipitated calcium phosphate (1.75) in water by means of hydrochloric acid mixed with tincture of lemon peel and syrup (to make 100).

Average dose: 4 mils or 1 fluidrachm.

SYRUPUS CALCII HYPOPHOSPHITIS, N. F. IV. Syr. Calc. Hypophos.
Syrup of Calcium Hypophosphite. A solution of Calcium Hypophosphite (3.5) with hypophosphorous acid (0.15) and sugar (to make 100).
Average dose: 4 mils or 1 fluidrachm.

SYRUPUS CALCII IODIDI, N. F. IV. Syr. Calc. Iodid.
Syrup of Calcium Iodide. A solution of calcium iodide (8.5) in syrup (to make 100).
Average dose: 2 mils or 30 minims.

SYRUPUS CALCII LACTOPHOSPHATIS, U. S. P. IX. Syr. Calc. Lactophos.
Syrup of Calcium Lactophosphate. A solution of precipitated calcium carbonate (2.5) in a mixture of lactic acid (6), phosphoric acid (3.6), stronger orange flower water (5), glycerin and syrup (to make 100).
Average dose: 10 mils or 2½ fluidrachms.
Preparation: N. F.—Syrupus Calcii Lactophosphatis et Ferri.

SYRUPUS CALCII LACTOPHOSPHATIS CUM FERRO, N. F. III. See Syrupus Calcii Lactophosphatis et Ferri, N. F.

SYRUPUS CALCII LACTOPHOSPHATIS ET FERRI, N. F. IV. Syr. Calc, Lactophos. et Ferr.
Syrup of Calcium Lactophosphate with Iron. A mixture of ferrous lactate (0.85), potassium citrate (0.85), and syrup of calcium lactophosphate (to make 100).
Average dose: 4 mils or 1 fluidrachm.
Preparation: N. F.—Elixir Cinchonæ Alkaloidarum, Ferri, et Calcii Lactophosphatis.

SYRUPUS CALCIS, U. S. P. VIII. Deleted.

SYRUPUS CHONDRI COMPOSITUS, N. F. III. Deleted.

SYRUPUS CIMICIFUGÆ COMPOSITUS, N. F. IV. Syr. Cimicif. Co.
Compound Syrup of Cimicifuga, Syrupus Actææ Compositus, N. F. III, Compound Syrup of Actæa. Represents fluidextract of cimicifuga (4), fluidextract of glycyrrhiza (2), fluidextract of senega (2), fluidextract of ipecac (1), wild cherry (4), with syrup (to make 100).
Average dose: 4 mils or 1 fluidrachm.

SYRUPUS CINNAMOMI, N. F. IV. Syr. Cinnam.
Syrup of Cinnamon, Represents Saigon cinnamon (10), alcohol (5), with sugar and cinnamon water (to make 100).
Average dose: 4 mils or 1 fluidrachm.

SYRUPUS CODEINÆ, N. F. IV. Syr. Codein.
Syrup of Codeine. Now a solution of codeine sulphate (0.2), in syrup (to make 100).
Average dose: 4 mils or 1 fluidrachm.

SYRUPUS COFFEÆ, N. F. III. Deleted.

SYRUPUS ERIODICTYI AROMATICUS, N. F. IV. Syr. Eriodict. Arom.
Aromatic Syrup of Eriodictyon, Aromatic Syrup of Yerba Santa, Syrupus Corrigens. Represents fluidextract of eriodictyon (3.2), solution of potassium hydroxide (2.5), compound tincture of cardamom (6.5), oil of sassafras (0.05), oil of lemon (0.05), oil of clove (0.1), and alcohol (3.2) with syrup (to make 100).
Average dose: 8 mils or 2 fluidrachms.

SYRUPUS FERRI ARSENATIS, N. F. III. Deleted.

SYRUPUS FERRI BROMIDI, N. F. III. Deleted.

SYRUPUS FERRI CITRO-IODIDI, N. F. III. Deleted.

SYRUPUS FERRI ET MANGANI IODIDI, N. F. IV. Syr. Ferr. et Mang. Iod.
Syrup of Iron and Manganese Iodide. Represents iron iodide (10) and manganese iodide (3.75) in syrup (to make 100).
Average dose: 1 mil or 15 minims.

SYRUPUS FERRI HYPOPHOSPHITIS, N. F. IV. Syr. Ferr. Hypophos.
Syrup of Ferric Hypophosphite. A solution of ferric hypophosphite (1.75) and potassium citrate (2.5) in orange flower water (9) and syrup (to make 100).
Average dose: 4 mils or 1 fluidrachm.

SYRUPUS FERRI IODIDI, U. S. P. IX. Syr. Ferr. Iod.
Syrup of Ferrous Iodide. Official in European pharmacopœias as Syrupus Jodeti Ferrosi (S). Included in the International Protocol as Ferri Iodidi Sirupus (P. I.). Contains from 4.75 to 5.25 per cent of FeI_2. Directions for making. Tests for purity and a method of assay.
Average dose: 1 mil or 15 minims.

SYRUPUS FERRI LACTOPHOSPHATIS, N. F. IV. Syr. Ferr. Lactophos.
Syrup of Iron Lactophosphate. A solution of ferrous lactate (1.75) with phosphoric acid (1.75) in syrup (to make 100).
Average dose: 4 mils or 1 fluidrachm.

SYRUPUS FERRI PROTOCHLORIDI, N. F. IV. Syr. Ferr. Protochlor.
Syrup of Ferrous Chloride, Syrup of Protochloride of Iron. A mixture of solution of protochloride of iron (5), glycerin (12.5), orange flower water (12.5), and syrup (to make 100).
Average dose: 4 mils or 1 fluidrachm.

SYRUPUS FERRI QUININÆ ET STRYCHNINÆ PHOSPHATUM, N. F. IV. From U. S. P. VIII. Syr. Ferr. Quin. et Strych. Phos.

Syrup of the Phosphates of Iron, Quinine, and Strychnine. As modified, a solution of ferric phosphate (2), quinine (2.6), and strychnine (0.02) in a mixture of phosphoric acid (5), glycerin (10), water (5), and syrup (to make 100).

Average dose: 4 mils or 1 fluidrachm.

SYRUPUS FERRI SACCHARATI SOLUBILIS, N. F. IV. Syr. Ferr. Sacch. Sol.

Syrup of Soluble Saccharated Iron, Syrupus Ferri Oxydati Solubilis, Syrup of Saccharated Oxide of Iron, Syrup of Soluble Oxide of Iron. A solution of saccharated ferric oxide (41.5) in a mixture of syrup and water (to make 100).

Average dose: 4 mils or 1 fluidrachm.

SYRUPUS FICORUM COMPOSITUS, N. F. IV. New. Syr. Ficor. Co.

Compound Syrup of Figs. Represents figs (30), fluid extract of senna (20), aromatic fluidglycerate of cascara sagrada (10), oil of fennel (0.1), spirit of peppermint (0.3), and syrup (to make 100).

Average dose: 4 mils or 1 fluidrachm.

SYRUPUS GLYCYRRHIZÆ, N. F. IV. Syr. Glycyrrhiz.

Syrup of Glycyrrhiza, Syrup of Licorice. Now a mixture of fluidglycerate of glycyrrhiza (25) and syrup (to make 100).

Average dose: 8 mils or 2 fluidrachms.

SYRUPUS HYDROCHLOROPHOSPHATUM, N. F. III. See Syrupus Phosphatum cum Quinina et Strychnina, N. F. IV.

SYRUPUS HYPOPHOSPHITUM, N. F. III. Deleted.

SYRUPUS HYPOPHOSPHITUM, U. S. P. IX. Syr. Hypophos.

Syrup of Hypophosphites. A solution of calcium hypophosphite (4.5), potassium hypophosphite (1.5), sodium hypophosphite (1.5), in a mixture of diluted hypophosphorous acid (0.2), glycerin (5), and syrup (to make 100).

Average dose: 10 mils or 2½ fluidrachms.

SYRUPUS HYPOPHOSPHITUM COMPOSITUS, N. F. IV. From U. S. P. VIII. Syr. Hypophos. Co.

Compound Syrup of Hypophosphites. As modified, a solution of calcium hypophosphite (3.5), potassium hypophosphite (1.75), sodium hypophosphite (1.75), ferric hypophosphite (0.225), manganese hypophosphite (0.225), quinine (0.11), strychnine (0.0115), sodium citrate (0.375), and diluted hypophosphorous acid (1.5) in glycerin (5), and syrup (to make 100).

Average dose: 8 mils or 2 fluidrachms.

SYRUPUS IODOTANNICUS, N. F. IV. New. Syr. Iodotan.

Syrup of Iodotannin. Represents iodine (0.27) and tannic acid (0.54) in syrup (to make 100).

Average dose: 4 mils or 1 fluidrachm.

SYRUPUS IPECACUANHÆ, U. S. P. IX. Syr. Ipecac.

Syrup of Ipecac. A mixture of fluidextract of ipecac (7), acetic acid (1), glycerin (10), and syrup (to make 100).

Average dose: Expectorant, 1 mil or 15 minims; emetic, 15 mils or 4 fluidrachms.

SYRUPUS IPECACUANHÆ ET OPII, N. F. IV. Syr. Ipecac. et Opii.

Syrup of Ipecac and Opium, Syrup of Dover's Powder. A mixture of tincture of ipecac and opium (8.5), spirit of cinnamon (0.4), cinnamon water (3.2), and syrup (to make 100).

Average dose: 4 mils or 1 fluidrachm.

SYRUPUS KRAMERIÆ, N. F. IV. From U. S. P. VIII. Syr. Kramer.

Syrup of Krameria. A mixture of fluidextract of krameria (45), with syrup (to make 100).

Average dose: 4 mils or 1 fluidrachm.

SYRUPUS LACTUCARII, U. S. P. IX. Syr. Lactucar.

Syrup of Lactucarium. A mixture of tincture of lactucarium (10), glycerin (20), citric acid (0.1), orange flower water (5), and syrup (to make 100).

Average dose: 10 mils or 2½ fluidrachms.

SYRUPUS MANNAE, N. F. IV. Syr. Mann.

Syrup of Manna. Represents manna (12.5), alcohol (6.5), and syrup (to make 100).

Average dose: 8 mils or 2 fluidrachms.

SYRUPUS MORPHINÆ COMPOSITUS, N. F. III. Deleted.

SYRUPUS MORPHINÆ ET ACACIÆ, N. F. IV. Syr. Morph. et Acac.

Syrup of Morphine and Acacia, Syrupus Pectoralis, N. F. III, Jackson's Pectoral Syrup. A solution of morphine hydrochloride (0.055) and oil of sassafras (0.05) in syrup of acacia (to make 100).

Average dose: 4 mils or 1 fluidrachm.

SYRUPUS MORPHINÆ SULPHATIS, N. F. III. Deleted..

SYRUPUS PAPAVERIS, N. F. IV. Syr. Papaver.

Syrup of Poppy Capsules. Now represents the water soluble constituents of poppy capsules (10) in syrup (to make 100).

Average dose: 4 mils or 1 fluidrachm.

SYRUPUS PECTORALIS, N. F. III. See Syrupus Morphinæ et Acaciæ, N. F. IV.

SYRUPUS PHOSPHATUM COMPOSITUS, N. F. IV. Syr. Phos. Co.
Compound Syrup of the Phosphates, Chemical Food. Now a mixture of compound solution of phosphates (50), glycerin (15), tincture of cudbear (1.6), and syrup (to make 100).
Average dose: 4 mils or 1 fluidrachm.

SYRUPUS PHOSPHATUM CUM QUININA ET STRYCHNINA, N. F. IV.
Syr. Phos. c. Quin. et Strych.
Syrup of Phosphates with Quinine and Strychnine, Syrupus Hydrochlorophosphatum, N. F. III, Compound Syrup of Hydrochlorophosphates. Now a solution of quinine hydrochloride (0.44), strychnine nitrate (0.014), in a mixture of compound solution of phosphates (50), glycerin (15), and syrup (to make 100).
Average dose: 4 mils or 1 fluidrachm.

SYRUPUS PICIS LIQUIDÆ, U. S. P. IX. Syr. Pic. Liq.
Syrup of Tar. A solution of tar (0.5) mixed with syrup (to make 100).
Average dose: 4 mils or 1 fluidrachm.

SYRUPUS PINI STROBI COMPOSITUS, N. F. III. See Syrupus Pini Strobi Compositus cum Morphina, N. F. IV.

SYRUPUS PINI STROBI COMPOSITUS, N. F. IV. New.
Syr. Pin. Strob. Co.
Compound Syrup of White Pine. Represents white pine bark (8.5), wild cherry (8.5), Arabic (1), Balsam Poplar buds (1), sanguinaria (0.8) sassafras (0.7), cudbear (0.1), chloroform (0.6), oil of sassafras (0.02), glycerin (10), with alcohol and syrup (to make 100).
Average dose: 4 mils or 1 fluidrachm.

SYRUPUS PINI STROBI COMPOSITUS CUM MORPHINA, N. F. IV.
Syr. Pin. Strob. c. Morph.
Compound Syrup of White Pine with Morphine (Syrupus Pini Strobi Compositus, N. F. III). A solution of morphine sulphate (0.04) in compound syrup of white pine (to make 100).
Average dose: 2 mils or 30 minims.

SYRUPUS PRUNI VIRGINIANÆ, U. S. P. IX. Syr. Prun. Virg.
Syrup of Wild Cherry. An aqueous extract of wild cherry bark (15), with glycerin (5), and syrup (to make 100).
Average dose: 4 mils or 1 fluidrachm.

SYRUPUS QUINIDINÆ, N. F. IV. Syr. Quinid.
Syrup of Quinidine, Bitterless Syrup of Quinidine. Now a solution of quinidine (3.3), and oil of orange peel (0.02), in syrup (to make 100).
Average dose: 4 mils or 1 fluidrachm.

SYRUPUS RHAMNI CATHARTICÆ, N. F. IV. Syr. Rham. Cathart.
Syrup of Rhamnus Cathartica, Syrup of Buckthorn Berries, Syrupus Spinæ Cervinæ. A mixture of fluidextract of rhamnus catharticus (20), oil of fennel (0.2), oil of cinnamon (0.02), and syrup (to make 100).
Average dose: 8 mils or 2 fluidrachms.

SYRUPUS RHEI, U. S. P. IX. Syr. Rhei.
Syrup of Rhubarb. Official in European pharmacopœias as Sirupus Rhei (E). A mixture of fluidextract of rhubarb (10), spirit of cinnamon (0.4), potassium carbonate (1), and syrup (to make 100).
Average dose: 10 mils or 2½ fluidrachms.

SYRUPUS RHEI AROMATICUS, U. S. P. IX. Syr. Rhei Arom.
Aromatic Syrup of Rhubarb, Spiced Syrup of Rhubarb. A mixture of aromatic tincture of rhubarb (15), potassium carbonate (0.1), and syrup (to make 100).
Average dose: 10 mils or 2½ fluidrachms.

SYRUPUS RHEI ET POTASSII COMPOSITUS, N. F. III. See Mistura Rhei Alkalina, N. F. IV.

SYRUPUS ROSÆ, N. F. IV. From U. S. P. VIII. Syr. Ros.
Syrup of Rose. A mixture of fluidextract of rose (12.5), diluted sulphuric acid (1) and syrup (to make 100).

SYRUPUS RUBI, N. F. IV. From U. S. P. VIII. Syr. Rubi.
Syrup of Rubus, Syrup of Blackberry. A mixture of fluidextract of rubus (25), with syrup (to make 100).
Average dose: 4 mils or 1 fluidrachm.
Preparation: N. F.—Elixir Rubi Compositum.

SYRUPUS RUBI AROMATICUS, N. F. III. Deleted.

SYRUPUS RUBI FRUCTUS, N. F. IV. New. Syr. Rubi Fruct.
Syrup of Blackberry Fruit. The juice of ripe blackberries mixed with sufficient sugar (to make a syrup).

SYRUPUS RUBI IDÆI, N. F. IV. Syr. Rubi Id.
Syrup of Raspberry. A syrup made by adding a sufficient quantity of sugar to the clear juice of fresh ripe raspberries.

SYRUPUS SANGUINARIÆ, N. F. IV. Syr. Sanguinar.
Syrup of Sanguinaria, Syrup of Bloodroot. Represents sanguinaria (22.5), acetic acid (12.5), with syrup (to make 100).
Average dose: 2 mils or 30 minims.

SYRUPUS SARSAPARILLÆ COMPOSITUS, U. S. P. IX.
Syr. Sarsap. Co.
Compound Syrup of Sarsaparilla. A mixture of fluidextract of sarsaparilla (20), fluidextract of glycyrrhiza (1.5), fluidextract of

senna (Alexandria) (1.5), oil of sassafras (0.02), oil of anise (0.02), methyl salicylate (0.02), alcohol (1.94), and syrup (to make 100).
Average dose: 15 mils or 4 fluidrachms.

SYRUPUS SCILLÆ, U. S. P. IX. Syr. Scill.
Syrup of Squill. A mixture of vinegar of squill (45), with sugar (80), and water (to make 100).
Average dose: 2 mils or 30 minims.

SYRUPUS SCILLÆ COMPOSITUS, U. S. P. IX. Syr. Scill. Co.
Compound Syrup of Squill, Hive Syrup. A mixture of fluidextract of squill (8), fluidextract of senega (8), antimony and potassium tartrate (0.2), and syrup (to make 100).
Average dose: 2 mils or 30 minims.

SYRUPUS SENEGÆ, U. S. P. IX. Syr. Seneg.
Syrup of Senega. Official in European pharmacopœias as Sirupus Senegæ (E). A mixture of fluidextract of senega (20) and syrup (to make 100).
Average dose: 4 mils or 1 fluidrachm.

SYRUPUS SENNÆ, U. S. P. IX. Syr. Senn.
Syrup of Senna. Official in European pharmacopœias as Sirupus Sennæ (E). A mixture of fluidextract of senna (25), oil of coriander (0.5), and syrup (to make 100).
Average dose: 4 mils or 1 fluidrachm.

SYRUPUS SENNÆ AROMATICUS, N. F. IV. Syr. Senn. Arom.
Aromatic Syrup of Senna. Represents fluidextract of senna (12.5), jalap (5), rhubarb (1.75), Saigon cinnamon (0.4), clove (0.4), myristica (0.2), and oil of lemon (0.15) with diluted alcohol and sugar (to make 100).
Average dose: 8 mils or 2 fluidrachms.

SYRUPUS SENNÆ COMPOSITUS, N. F. IV. Syr. Senn. Co.
Compound Syrup of Senna. A mixture of fluidextract of senna (13.5), fluidextract of rhubarb (3.5), fluidextract of frangula (3.5), methyl salicylate (0.4), alcohol (6.5), and syrup (to make 100).
Average dose: 8 mils or 2 fluidrachms.

SYRUPUS SODII HYPOPHOSPHITIS, N. F. IV. Syr. Hypophos.
Syrup of Sodium Hypophosphite. A solution of sodium hypophosphite (3.5) in hypophosphorous acid (0.2) and syrup (to make 100).
Average dose: 4 mils or 1 fluidrachm.

SYRUPUS STILLINGIÆ COMPOSITUS, N. F. IV. Syr. Stilling. Co.
Compound Syrup of Stillingia. Now a mixture of compound fluidextract of stillingia (25), glycerin (10), and syrup (to make 100).
Average dose: 4 mils or 1 fluidrachm.

SYRUPUS TOLUTANUS, U. S. P. IX. Syr. Tolu.

Syrup of Tolu. The water-soluble constituents of tincture of tolu (5) with syrup (to make 100).

Average dose: 15 mils or 4 fluidrachms.

Preparations: U. S. P.—Trochisci Ammonii Chloridi, Trochisci Cubebæ.

N. F.—Emulsum Olei Morrhuæ cum Calcii Lactophosphate, Emulsum Olei Morrhuæ cum Calcii Phosphate, Emulsum Olei Morrhuæ cum Pruno Virginiana, Emulsum Olei Morrhuæ cum Vitello, Mistura Pectoralis, Stokes.

SYRUPUS ZINGIBERIS, U. S. P. IX. Syr. Zingib.

Syrup of Ginger. A mixture of fluidextract of ginger (3), alcohol (2), and syrup (to make 100).

Average dose: 15 mils or 4 fluidrachms.

TALCUM, U. S. P. VIII. Deleted.

TALCUM PURIFICATUM, U. S. P. IX. Talc. Purif.

Purified Talc. A purified native, hydrous magnesium silicate sometimes containing a small amount of aluminum silicate. Tests for identity and purity.

Preparations: N. F.—Pulvis Talci-compositus. Used in making: Elixir Potassii Acetatis et Juniperi, Glyceritum Pepsini, Liquor Pepsini Antisepticus, Liquor Pepsini Aromaticus, Syrupus Chondri Compositus, Syrupus Cimicifugæ Compositus, Vinum Pruni Virginianæ.

TAMARINDUS, N. F. IV. Part II. From U. S. P. VIII. Tamarind.

Tamarind. The preserved pulp of the fruit of *Tamarindus indica* Linné.

Average dose: 15 gm. or 4 drachms.

Preparation: N. F.—Confectio Sennæ.

TARAXACUM, U. S. P. IX. Tarax.

Taraxacum, Dandelion. Official in European pharmacopœias as Radix Taraxaci (E). The dried rhizome and roots of *Taraxacum officinale* Weber. Yields not more than 10 per cent of ash.

Average dose: 10 gm. or 2½ drachms.

Preparations: U. S. P. Extractum Taraxaci, Fluidextractum Taraxaci (which see).

TEREBENUM, U. S. P. IX. Tereben.

Terebene. A liquid consisting of dipentene and other hydrocarbons obtained by the action of concentrated sulphuric acid on oil of turpentine. Tests for identity and purity.

Average dose: 0.25 mil or 4 minims.

TEREBINTHINÆ, N. F. IV. Part II. From U. S. P. VIII.
Terebinth.

Turpentine. A concrete oleoresin obtained from *Pinus palustris* Miller and from other species of *Pinus*.

Preparation: N. F.—Ceratum Resinæ Compositum.

TEREBINTHINÆ CANADENSIS, U. S. P. VIII. Deleted.

TEREBINTHINA LARICIS, N. F. IV. Part II. Terebinth. Laric.

Venice Turpentine, Larch Turpentine. A viscid oleoresin obtained from *Larix europea* De Candolle.

Preparation: N. F.—Petroxolinum Terebinthinæ Venetæ.

TERPINI HYDRAS, U. S. P. IX. Terpin. Hyd.

Terpin Hydrate. Official in European pharmacopœias as Terpinum Hydratum (E), Hydras Terpicus (S). The hydrate $C_{10}H_{18}(OH)_2 + H_2O$ of the dihydroxyalcohol terpin. Tests for identity and purity.

Average dose: 0.25 gm. or 4 grains.

Preparation: N. F.—Elixir Terpini Hydratis.

TERRA SILICEA PURIFICATA, U. S. P. IX. New. Ter. Sil. Purif.

Purified Siliceous Earth. Purified Kieselguhr, Purified Infusorial Earth. A form of silica SiO_2, consisting of the frustules and fragments of diatoms, purified by boiling with diluted hydrochloric acid, washing, and calcining. It does not contain more than 10 per cent of moisture. Tests for identity and purity. Used as a filtering medium.

Preparation: N. F.—Pasta Zinci Sulphurata.

THEOBROMINÆ SODIO-SALICYLAS, U. S. P. IX. New.
Theobrom. Sodio-Salicyl.

Theobromine Sodio-Salicylate. Also sold under the trade name Diuretin. Official in European pharmacopœias as Theobromino Natrium Salicylicicum (E), Salicylas Natrico Theobromicus (S). Sodium theobromine $C_7H_7O_2N_4Na$ and sodium salicylate $NaC_7H_5O_3$ in approximately molecular proportions. Yields when dried not less than 46.5 per cent of theobromine.

Average dose: 1 gm. or 15 grains.

THEOPHYLLINA, U. S. P. IX. New. Theophyll.

Theophylline, Dimethylxanthine. An organic base $C_7H_8O_2N_4 + H_2O$ isomeric with theobromine. Tests for identity and purity.

Average dose: 0.25 gm. or 4 grains.

THUJA, N. F. IV. Part II. Thuja.

Thuja, Arbor Vitæ. The recently dried young twigs of *Thuja occidentalis* Linné, without admixture of more than 1 per cent of foreign substances. Yields not more than 7 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparation: N. F.—Fluidextractum Thujæ.

THYMOL, U. S. P. IX.

Thymol. A phenol $C_{10}H_{14}O$ occurring in the volatile oil of *Thymus vulgaris* Linné and in some other volatile oils. Tests for identity and purity.

Average does: Antiseptic, 0.125 gm. or 2 grains; anthelmintic, 1 gm. or 15 grains per day.

Preparations: N. F.—Liquor Antisepticus, Liquor Antisepticus Alkalinus, Nebula Aromatica, Nebula Thymolis.

THYMOLIS IODIDUM, U. S. P. IX. Thymol. Iod.

Thymol Iodide. Official in European pharmacopœias as Aristolum (E). Chiefly dithymol-diiodide $C_{20}H_{24}O_2I_2$. Contains when dried not less than 43 per cent of iodine. Tests for identity and purity and a method of assay.

THYMUS, N. F. IV. Part II.

Thyme. The dried tops of *Thymus vulgaris* Linné, collected when the plant is in flower. Yields not more than 14 per cent of ash.

Average dose: 4 gm. or 1 drachm.

Preparation: N. F.—Fluidextractum Thymi.

THYROIDEUM SICCUM, U. S. P. IX. Thyroid. Sicc.

Dried Thyroids, Glandulæ Thyroideæ Siccæ, U. S. P. VIII. Desiccated Thyroid Glands. The thyroid glands of animals which are used for food by man, freed from connective tissure, dried and powdered and containing from 0.17 to 0.23 per cent of iodine in thyroid combination. One part of dried thyroids corresponds to approximately 5 parts of the fresh glands. Yields not more than 5 per cent of ash.

Average dose: 0.1 gm. or 1½ grains.

TINCTURÆ, U. S. P. IX.

A general description of and formulas for tinctures. Tinctures are alcoholic preparations made by extracting valuable principles from drugs by the use of appropriate menstrua or solvents. Tincture of Ferric Chloride and Tincture of Iodine are exceptional, not being made by extraction; they are alcoholic solutions of chemical substances.

TINCTURÆ, N. F. III. General heading deleted.

TINCTURA ACONITI, U. S. P. IX. Tr. Aconit.

Tincture of Aconite. Included in the International Protocol as Aconiti Tinctura (P. I.). Yields from 0.045 to 0.055 w/v per cent of the ether soluble alkaloids of aconite. Made by extracting aconite (10) with a mixture of alcohol (70) and water (to make 100).

Method of assay and an alternative biological method of assay.

Average dose: 0.3 mill or 5 minims.

Tinctura Aconiti, Fleming, N. F. III. Deleted.

Tinctura Aloes, U. S. P. IX. Tr. Aloes.

Tincture of Aloes. Made by extracting a mixture of aloes (10), and glycyrrhiza (20), with diluted alcohol (to make 100).

Average dose: 2 mils or 30 minims.

Tinctura Aloes et Myrrhæ, N. F. IV. From U. S. P. VIII. Tr. Aloe. et Myrrh.

Tincture of Aloes and Myrrh. Represents aloes (10), myrrh (10), glycyrrhiza (10), alcohol (75), and water (to make 100).

Average dose: 2 mils or 30 minims.

Tinctura Amara, N. F. IV. Tr. Amar.

Bitter Tincture, Stomachic Tincture, Bitter Stomachic Drops, Stomach Drops. Now represents gentian (6), centaury (6), bitter orange peel (6), zedoary (2), alcohol (65), and water (to make 100).

Average dose: 2 mils or 30 minims.

Tinctura Antacrida, N. F. III. Deleted.

Tinctura Antiperiodica, N. F. III. See Tinctura Antiperiodica sine Aloe, N. F.

Tinctura Antiperiodica, N. F. IV. Tr. Antiperiod.

Antiperiodic Tincture, Warburg's Tincture. Now represents rhubarb (0.8), angelica fruit (0.8), inula, (0.4), saffron (0.4), fennel (0.4), gentian (0.2), zedoary (0.2), cubeb (0.2), myrrh (0.2), camphor (0.2), agaric (0.2), pepper (0.035), saigon cinnamon (0.075), ginger (0.075), quinine bisulphate (2), extract of aloes (1.75), alcohol (60), and water (to make 100).

Average dose: 4 mils or 1 fluidrachm to 15 mils or 4 fluidrachms.

Tinctura Antiperiodica Sine Aloe, N. F. IV. Tr. Antiperiod. s. Aloe.

Antiperiodic Tincture without Aloes, Warburg's Tincture without Aloes: Represents rhubarb (0.8), angelica seed (0.8), inula (0.4), saffron (0.4), fennel (0.4), gentian (0.2), zedoary (0.2), cubeb (0.2), myrrh (0.2), camphor (0.2), white agaric (0.2), black pepper (0.035), saigon cinnamon (0.075), ginger (0.075), quinine bisulphate (2), alcohol (60), and water (to make 100).

Average dose: 4 mils or 1 fluidrachm to 15 mils or 4 fluidrachms.

Tinctura Arnicæ, U. S. P. IX. Tr. Arnic.

Tincture of Arnica. Made by extracting arnica (20), with diluted alcohol (to make 100).

Average dose: 1 mil or 15 minims.

Tinctura Arnicæ Radicis, N. F. III. Deleted.

TINCTURA AROMATICA, N. F. IV. Tr. Arom.

Aromatic Tincture. Now represents saigon cinnamon (10), Jamaica ginger (4), galangal (2), clove (2), cardamom seed (2), alcohol (65), and water (to make 100).

Average dose: 2 mils or 30 minims.

TINCTURA ASAFŒTIDÆ, U. S. P. IX. Tr. Asafœt.

Tincture of Asafetida. Official in European pharmacopœias as Tinctura Asæ Fœtidæ (E). Made by extracting asafetida (20) with alcohol (to make 100).

Average dose: 1 mil or 15 minims.

Preparation: N. F.—Mistura Magnesiæ, Asafœtidæ et Opii.

TINCTURA AURANTII AMARI, U. S. P. IX. Tr. Aurant. Amar.

Tincture of Bitter Orange Peel. Made by extracting bitter orange peel (20), with a mixture of alcohol (60) and water (to make 100).

Average dose: 4 mils or 1 fluidrachm.

Preparation: N. F.—Elixir Aurantii Amari.

TINCTURA AURANTII DULCIS, U. S. P. IX. Tr. Aurant. Dulc.

Tincture of Sweet Orange Peel. Made by extracting sweet orange peel (50) with alcohol (to make 100).

Average dose: 4 mils or 1 fluidrachm.

Preparation: U. S. P.—Syrupus Aurantii.

TINCTURA BELLADONNÆ FOLIORUM, U. S. P. IX. Tr. Bellad. Fol.

Tincture of Belladonna Leaves. Included in the International Protocol as Belladonnæ Tinctura (P. I.) and official in European pharmacopœias as Tinctura Belladonnæ (E). Yields from 0.027 to 0.033 w/v per cent of the total alkaloids of belladonna leaves. Made by extracting belladonna leaves (10) with diluted alcohol (to make 100). Method of assay.

Average dose: 0.75 mil or 12 minims.

TINCTURA BENZOINI, U. S. P. IX. Tr. Benz.

Tincture of Benzoin. Made by extracting benzoin (20) with alcohol (to make 100).

Average dose: 1 mil or 15 minims.

Preparation: N. F.—Unguentum Picis Compositum.

TINCTURA BENZOINI COMPOSITA, U. S. P. IX. Tr. Benz. Co.

Compound Tincture of Benzoin. Made by extracting a mixture of benzoin (10), aloes (2), storax (8), and balsam of tolu (4) with alcohol (to make 100).

Average dose: 2 mils or 30 minims

TINCTURA BRYONIÆ, N. F. IV. Tr. Bryon.

Tincture of Bryonia. Represents bryonia (10) and alcohol (to make 100).

Average dose: 4 mils or 1 fluidrachm.

Tinctura Cacti Grandiflori, N. F. IV. New. Tr. Cact. Grand.
Tincture of Cactus Grandiflorus, Tincture of Night Blooming Cereus. Represents cactus grandiflorus (50) and alcohol (to make 100).

Average dose: 1 mil or 15 minims.

Tinctura Calendulæ, N. F. IV. From U. S. P. VIII. Tr. Calend.
Tincture of Calendula. Represents calendula (20) and alcohol (to make 100).

Tinctura Calumbæ, U. S. P. IX. Tr. Calumb.
Tincture of Calumba. Made by extracting calumba (20) with a mixture of alcohol (60) and water (to make 100).

Average dose: 4 mils or 1 fluidrachm.

Tinctura Cannabis, U. S. P. IX. Tr. Cannab.
Tincture of Cannabis, Tinctura Cannabis Indicæ, U. S. P. VIII. Produces incoördination when administered to dogs in a dose of not more than 0.3 mil per kilogramme of body weight. Made by extracting cannabis (10) with alcohol (to make 100). Biological method of assay.

Average dose: 0.75 mil or 12 minims.

Preparations: N. F.—Mistura Chloroformi et Morphinæ Composita.

Tinctura Cannabis Indicæ, U. S. P. VIII. See Tinctura Cannabis, U. S. P. IX.

Tinctura Cantharidis, U. S. P. IX. Tr. Canthar.
Tincture of Cantharides. Included in the International Protocol as Cantharidis Tinctura (P. I.). Made by extracting cantharides (10) with alcohol (to make 100).

Average dose: 0.1 mil or 1½ minims.

Tinctura Capsici, U. S. P. IX. Tr. Capsic.
Tincture of Capsicum. Made by extracting capsicum (10) with a mixture of alcohol (95) and water (to make 100).

Average dose: 0.5 mil or 8 minims.

Preparations: N. F.—Mistura Chloroformi et Morphinæ Composita, Mistura Opii et Chloroformi Composita, Mistura Opii et Rhei Composita.

Tinctura Capsici et Myrrhæ, N. F. IV. Tr. Capsic. et Myrrh.
Tincture of Capsicum and Myrrh, Hot Drops, Thomsonian Number Six. Now represents capsicum (3), myrrh (12), alcohol (90), and water (to make 100).

Average dose: 2 mils or 30 minims.

Tinctura Caramellis, N. F. IV. New. Tr. Caram.
Tincture of Caramel. A mixture of caramel (10), alcohol (25), and water (to make 100).

Preparation: N. F.—Used for coloring.

TINCTURA CARDAMOMI, U. S. P. IX. Tr. Cardam.

Tincture of Cardamom. Made by extracting cardamom seed (15) with diluted alcohol (to make 100).

Average dose: 2 mils or 30 minims.

Preparation: N. F.—Vinum Rhei Compositum.

TINCTURA CARDAMOMI COMPOSITA, U. S. P. IX. Tr. Cardam. Co.

Compound Tincture of Cardamom. Made by extracting a mixture of cardamom seed (2), saigon cinnamon (2.5), caraway (1.2), and cochineal (0.5) with a mixture of glycerin (5) and diluted alcohol (to make 100).

Average dose: 4 mils or 1 fluidrachm.

Preparations: N. F.—Elixir Gentianæ Glycerinatum, Elixir Taraxaci Compositum, Elixir Viburni Prunifolii, Gargarisma Guaiaci Composita, Liquor Strychninæ Acetatis, Syrupus Eriodictyi Aromaticus.

TINCTURA CHIRATÆ, N. F. III. Deleted.

TINCTURA CIMICIFUGÆ, N. F. IV. From U. S. P. VIII. Tr. Cimicif.

Tincture of Cimicifuga. Represents cimicifuga (20) and alcohol (to make 100).

Average dose: 4 mils or 1 fluidrachm.

TINCTURA CINCHONÆ, U. S. P. IX. Tr. Cinch.

Tincture of Cinchona. Official in European pharmacopœias as Tinctura Chinæ (E). Yields from 0.8 to 1.0 w/v per cent of the total alkaloids of cinchona. Made by extracting cinchona (20) with a mixture of glycerin and water (to make 100). Method of assay.

Average dose: 4 mils or 1 fluidrachm.

TINCTURA CINCHONÆ COMPOSITA, U. S. P. IX. Tr. Cinch. Co.

Compound Tincture of Cinchona. Official in European pharmacopœias as Tinctura Chinæ Composita (E). Yields from 0.4 to 0.5 w/v per cent of the total alkaloids of cinchona. Made by extracting red cinchona (10), bitter orange peel (8), and serpentaria (2) with a mixture of glycerin (7.5), alcohol (67.5), and water (to make 100). Method of assay.

Average dose: 4 mils or 1 fluidrachm.

TINCTURA CINCHONÆ DETANNATA, N. F. III. Deleted.

TINCTURA CINNAMOMI, U. S. P. IX. Tr. Cinnam.

Tincture of Cinnamon. Made by extracting saigon cinnamon (20) with a mixture of glycerin (7.5) and water (to make 100).

Average dose: 2 mils or 30 minims.

Preparations: N. F.—Elixir Taraxaci Compositum, Mistura Rhei Alkalina.

TINCTURA COCCULI INDICI, N. F. IV. New. Tr. Coccul. Ind.

Tincture of Cocculus Indicus, Tincture of Fish Berry. Represents cocculus indicus (10) and diluted alcohol (to make 100).

NOTE: Used externally to destroy vermin.

TINCTURA COLCHICI SEMINIS, U. S. P. IX. Tr. Colch. Sem.

Tincture of Colchicum Seed. Included in the International Protocol as Colchici Tinctura (P. I.). Yields from 0.036 to 0.044 w/v per cent of colchicine. Made by extracting colchicum seed (10) with a mixture of alcohol (60) and water (to make 100). Method of assay.

Average dose: 2 mils or 30 minims.

TINCTURA CONII, N. F. III. Deleted.

TINCTURA COTO, N. F. III. See Tincture Para Coto, N. F. IV.

TINCTURA CRESOLI SAPONATA, N. F. III. Deleted.

TINCTURA CROCI, N. F. IV. Tr. Croc.

Tincture of Saffron. Represents saffron (10) and diluted alcohol (to make 100).

TINCTURA CUBEBÆ, N. F. IV. Tr. Cubeb.

Tincture of Cubeb. Represents cubeb (20) and alcohol (to make 100).

Average dose: 4 mils or 1 fluidrachm.

TINCTURA DELPHINII, N. F. IV. New. Tr. Delphin.

Tincture of Larkspur. Represents larkspur seed (10) and alcohol (to make 100).

NOTE: Commonly employed externally to destroy parasites.

TINCTURA DIGITALIS, U. S. P. IX. Tr. Digit.

Tincture of Digitalis. Included in the International Protocol as Digitalis Tinctura (P. I.). The minimum lethal dose should not be greater than 0.006 mil of the tincture for each gramme of body weight of frog. Made by extracting digitalis (10) with a mixture of alcohol (75) and water (to make 100). Biological method of assay.

Average dose: 0.5 mil or 8 minims.

TINCTURA ERGOTÆ AMMONIATA, N. F. IV. New.
Tr. Ergot. Ammon.

Ammoniated Tincture of Ergot. Represents ergot (25), ammonia water (10), alcohol (60), and water (to make 100).

Average dose: 4 mils or 1 fluidrachm.

TINCTURA FERRI CHLORIDI, U. S. P. IX. Tr. Ferr. Chlor.

Tincture of Ferric Chloride. Official in European pharmacopœias as Solutio Chloreti Ferrici Spirituosa (S). Contains Ferric chloride (about 13 per cent) corresponding to not less than 4.48 per cent of Fe.

Made by mixing a solution of ferric chloride (35) with alcohol (to make 100). Tests for identity and purity and a method of assay.

Average dose: 0.5 mil or 8 minims.

Preparation: U. S. P.—Liquor Ferri et Ammonii Acetatis.

TINCTURA FERRI CHLORIDI ÆTHEREA, N. F. IV. Tr. Ferr. Chlor. Æth.

Ethereal Tincture of Ferric Chloride, Bestuscheff's Tincture, Lamotte's Drops. Represents solution of ferric chloride (5.9), ether (25), and alcohol (to make 100).

Average dose: 2 mils or 30 minims.

TINCTURA FERRI CITRO-CHLORIDI, N. F. IV. Tr. Ferr. Citro-Chlor.

Tincture of Ferric Citro-Chloride, Tasteless Tincture of Ferric Chloride, Tasteless Tincture of Iron. A mixture of solution of ferric chloride (35), sodium citrate (50), alcohol (15), and water (to make 100), allowed to stand to separate excess of saline matter and filtered.

Average dose: 0.5 mil or 8 minims.

Preparations: N. F.—Elixir Ferri, Quininæ et Strychninæ, Elixir Gentianæ cum Tinctura Ferri Chloridi, Elixir Pepsini et Ferri, Liquor Ferri Salicylatis, Vinum Pruni Virginianæ Ferratum.

TINCTURA FERRI POMATA, N. F. IV. Tr. Ferr. Pomat.

Tincture of Ferrated Extract of Apples, Tinctura Ferri, Malatis Crudi, Tincture of Crude Malate of Iron. Represents ferrated extract of apples (10), alcohol (10), and cinnamon water (to make 100).

Average dose: 4 mils or 1 fluidrachm.

TINCTURA GALLÆ, N. F. IV. From U. S. P. VIII. Tr. Gall.

Tincture of Nutgall. Represents nutgall (20), glycerin (10), and alcohol (90).

Average dose: 4 mils or 1 fluidrachm.

TINCTURA GAMBIR COMPOSITA, U. S. P. IX. Tr. Gambir. Co.

Compound Tincture of Gambir, Compound Tincture of Pale Catechu. Made by extracting a mixture of gambir (5), and Saigon cinnamon (2.5) with diluted alcohol (to make 100).

Average dose: 4 mils or 1 fluidrachm.

Preparation: N. F.—Tinctura Pectoralis.

TINCTURA GELSEMII, U. S. P. IX. Tr. Gelsem.

Tincture of Gelsemium. Made by extracting gelsemium (10) with a mixture of alcohol (65) and water (to make 100).

Average dose: 0.25 mil or 4 minims.

TINCTURA GENTIANÆ COMPOSITA, U. S. P. IX. Tr. Gentian. Co.

Compound Tincture of Gentian. Made by extracting a mixture of gentian (10), bitter orange peel (4), and cardamom seed (1) with a mixture of glycerin (10), alcohol (50), and water (to make 100).

Average dose: 4 mils or 1 fluidrachm.

TINCTURA GUAIACI, U. S. P. IX. Tr. Guaiac.

Tincture of Guaiac. Made by extracting guaiac (20) with alcohol (to make 100).

Average dose: 4 mils or 1 fluidrachm.

Preparation: N. F.—Mistura Guaiaci.

TINCTURA GUAIACI AMMONIATA, U. S. P. IX. Tr. Guaiac. Ammon.

Ammoniated Tincture of Guaiac. Made by extracting guaiac (20) with aromatic spirit of ammonia (to make 100).

Average dose: 2 mils or 30 minims.

Preparation: N. F.—Gargarisma Guaiaci Composita.

TINCTURA GUAIACI COMPOSITA, N. F. IV. Tr. Guaiac Co.

Compound Tincture of Guaiac, Dewees' Tincture of Guaiac. Represents guaiac (12.5), potassium carbonate (0.6), pimenta (3.2), alcohol (43.5), water (43.5), and diluted alcohol (to make 100).

Average dose: 4 mils or 1 fluidrachm.

TINCTURA HUMULI, N. F. IV. Tr. Humul.

Tincture of Hops, Tincture of Humulus. Represents hops (20) and diluted alcohol (to make 100).

Average dose: 4 mils or 1 fluidrachm.

TINCTURA HYDRASTIS, U. S. P. IX. Tr. Hydrast.

Tincture of Hydrastis, Tincture of Golden Seal. Yields from 0.36 to 0.44 w/v per cent of the ether soluble alkaloids of hydrastis. Made by extracting hydrastis (20) with a mixture of alcohol (66) and water (to make 100).

Average dose: 4 mils or 1 fluidrachm.

TINCTURA HYOSCYAMI, U. S. P. IX. Tr. Hyosc.

Tincture of Hyoscyamus, Tincture of Henbane. Included in the International Protocol as Hyoscyami Tinctura (P. I.). Yields from 0.0055 to 0.0075 w/v per cent of the total alkaloids of hyoscyamus. Made by extracting hyoscyamus (10) with diluted alcohol. Method of assay.

Average dose: 2 mils or 30 minims.

TINCTURA IGNATIÆ, N. F. IV. Tr. Ignat.

Tincture of Ignatia. Represents ignatia (10), alcohol (80), and water (to make 100) and contains from 0.18 to 0.22 w/v per cent of total alkaloids from ignatia when assayed by the method outlined.

Average dose: 0.6 mil or 10 minims.

TINCTURA IODI, U. S. P. IX. Tr. Iodi.

Tincture of Iodine. Not identical with the preparation official in European pharmacopœias as Tinctura Jodi (E). Contains from 6.5 to 7.5 w/v per cent of I and from 4.5 to 5.5 w/v per cent of KI. Made by dissolving iodin (7), potassium iodide (5), with water (5) in alcohol (to make 100).

Average dose: 0.1 mil or 1½ minims.

TINCTURA IODI, Churchill, N. F. III. See Tinctura Iodi Fortior. N. F. IV.

TINCTURA IODI DECOLORATA, N. F. IV. Tr. Iod. Decolor.
Decolorized Tincture of Iodine. Represents a solution of iodides and iodates produced by mixing iodine (8.3), sodium thiosulphate (8.3), water (10), stronger ammonia water (6.5), and alcohol (to make 100).

TINCTURA IODI FORTIOR, N. F. IV. Tr. Iod. Fort.
Stronger Tincture of Iodine, Churchill's Tincture of Iodine. A solution of iodine (16.5) in a mixture of potassium iodide (3.3), water (25), and alcohol (to make 100).

TINCTURA IPECACUANHÆ ET OPII, N. F. IV. From U. S. P. VIII. Tr. Ipecac. et Opii
Tincture of Ipecac and Opium, Tincture of Dover's Powder. A mixture of tincture of deodorized opium (100 evaporated to 80), fluidextract of ipecac (10), and diluted alcohol (to make 100).
Average dose: 0.5 mil or 8 minims.
Preparation: N. F.—Syrupus Ipecacuanhæ et Opii.

TINCTURA JALAPÆ, N. F. IV. Tr. Jalap.
Tincture of Jalap. Represents jalap (20), alcohol (65), and water (to make 100).
Average dose: 4 mils or 1 fluidrachm.

TINCTURA JALAPÆ COMPOSITA, N. F. IV. Tr. Jalap Co.
Compound Tincture of Jalap. Represents jalap (12.5), resin of scammony (3), in alcohol (66), and water (to make 100).
Average dose: 4 mils. or 1 fluidrachm.

TINCTURA KINO, U. S. P. IX. Tr. Kino.
Tincture of Kino. Represents kino (10) in diluted alcohol (to make 100).
Average dose: 4 mils or 1 fluidrachm.
Preparation: N. F.—Tinctura Kino et Opii Composita.

TINCTURA KINO COMPOSITA, N. F. III. See Tinctura Kino et Opii Composita, N. F. IV.

TINCTURA KINO ET OPII COMPOSITA, N. F. IV. Tr. Kino et Opii Co.
Compound Tincture of Kino and Opium, Tinctura Kino Composita, N. F. III, Compound Tincture of Kino. A mixture of tincture of kino (20), tincture of opium (10), spirit of camphor (6.5), oil of clove, (0.15), cochineal (0.85), aromatic spirit of ammonia (0.8), and diluted alcohol (to make 100).
Average dose: 4 mils or 1 fluidrachm.

TINCTURA KRAMERIÆ, N. F. IV. From U. S. P. VIII. Tr. Kramer.
Tincture of Krameria. Represents krameria (20) and diluted alcohol (to make 100).
Average dose: 4 mils or 1 fluidrachm.

TINCTURA LACTUCARII, U. S. P. IX. Tr. Lactucar.

Tincture of Lactucarium. Represents lactucarium (50) in a mixture of glycerin (25), alcohol (50), and water (to make 100).

Average dose: 2 mils or 30 minims.

Preparation: U. S. P.—Syrupus Lactucarii.

TINCTURA LAVANDULÆ COMPOSITA, U. S. P. IX. Tr. Lavand Co.

Compound Tincture of Lavender, Compound Spirit of Lavender. Represents oil of lavender (0.8), oil of rosemary (0.2), saigon cinnamon (2), clove (0.5), myristica (1), and red saunders (1), in a mixture of alcohol (75), and water (to make 100).

Average dose: 2 mils or 30 minims.

Preparation: U. S. P.—Liquor Potassii Arsenitis.

TINCTURA LIMONIS CORTICIS, U. S. P. IX. Tr. Limon. Cort.

Tincture of Lemon Peel. Made by extracting fresh lemon peel (50) with alcohol (to make 100).

Preparations: U. S. P.—Syrupus Acidi Citrici, Syrupus Hypophosphitum.

N. F.—Emulsum Petrolati, Syrupus Calcii Hydrochlorophosphatis.

TINCTURA LOBELIÆ, U. S. P. IX. Tr. Lobel.

Tincture of Lobelia. Included in the International Protocol as Lobeliæ Tinctura (P. I.). Made by extracting lobelia (10) with diluted alcohol (to make 100).

Average dose: 1 mil or 15 minims.

TINCTURA MATICO, N. F. 111. Deleted.

TINCTURA MOSCHI, U. S. P. IX. Tr. Mosch.

Tincture of Musk. Represents musk (5) in diluted alcohol (to make 100).

Average dose: 4 mils or 1 fluidrachm.

TINCTURA MYRRHÆ, U. S. P. IX. Tr. Myrrh.

Tincture of Myrrh. Made by extracting myrrh (20) with alcohol (to make 100).

Average dose: 1 mil or 15 minims.

TINCTURA NUCIS VOMICÆ, U. S. P. IX. Tr. Nuc. Vom.

Tincture of Nux Vomica. Included in the International Protocol as Strychni Tinctura (P. I.). Yields from 0.237 to 0.263 w/v per cent of the total alkaloids of nux vomica. Now made by extracting nux vomica (10) with a mixture of alcohol (75) and water (to make 100). Method of assay.

Average dose: 0.5 mil or 8 minims.

Preparation: N. F.—Elixir Phosphori et Nucis Vomicæ.

TINCTURE OPII, U. S. P. IX. Tr. Opii.

Tincture of Opium, Laudanum. Included in the International Protocol as Opii Tinctura (P. I.). Yields from 0.95 to 1.05 w/v per cent of anhydrous morphine. Represents granulated opium (10) and diluted alcohol (to make 100). Method of assay.

Average dose: 0.5 mil or 8 minims.

Preparations: N. F.—Linimentum Opii Compositum, Lotio Plumbi et Opii, Mistura Carminativa, Mistura Camphoræ Acida, Mistura Opii et Chloroformi Composita, Mistura Opii et Rhei Composita, Mistura Copaibæ et Opii, Mistura Magnesiæ Asafœtidæ et Opii, Mistura Opii et Sassafras, Tinctura Kino et Opii Composita, Tinctura Pectoralis.

TINCTURA OPII CAMPHORATA, U. S. P. IX. Tr. Opii Camph.

Camphorated Tincture of Opium, Paregoric. Included in the International Protocol as Opii Tinctura Benzoica (P. I.). Represents powdered opium (0.4), benzoic acid (0.4), camphor (0.4), oil of anise (0.4), in a mixture of glycerin (4), and diluted alcohol (to make 100).

Average dose: 4 mils or 1 fluidrachm.

Preparation: U. S. P.—Mistura Glycyrrhizæ Composita.

N. F.—Mistura Pectoralis, Stokes.

TINCTURA OPII CROCATA, N. F. IV. New. Tr. Opii Crocat.

Tincture of Opium with Saffron, Sydenham's Laudanum, Tinctura Opii Crocata (P. I.). Represents granulated opium (10), saffron (2.5), saigon cinnamon (0.6), clove (0.6), and diluted alcohol (to make 100). Yields from 0.95 to 1.05 w/v per cent of anhydrous morphine when assayed by the method outlined.

Average dose: 0.6 mil or 10 minims.

TINCTURA OPII DEODORATI, U. S. P. IX. Tr. Opii Deod.

Tincture of Deodorized Opium. Represents an aqueous extract of granulated opium (10), deodorized by means of purified petroleum benzin, preserved by the addition of alcohol and diluted with water (to make 100). Yields from 0.95 to 1.05 w/v per cent of anhydrous morphine. Method of assay.

Average dose: 0.5 mil or 8 minims.

Preparation: N. F.—Tinctura Ipecacuanhæ et Opii.

TINCTURA PAPAVERIS, N. F. III. Deleted.

TINCTURA PARACOTO, N. F. IV. Tr. Paracoto.

Tincture of Paracoto, Tinctura Coto, N. F. III. Represents paracoto (12.5) and alcohol (to make 100).

Average dose: 2 mils or 30 minims.

TINCTURA PASSIFLORÆ, N. F. IV. New. Tr. Passiflor.

Tincture of Passion Flower. Represents passion flower (20) and diluted alcohol (to make 100).

Average dose: 0.6 mil or 10 minims.

Tinctura Pectoralis, N. F. IV. Tr. Pectoral.

Pectoral Tincture, Guttæ Pectorales, Pectoral Drops, Bateman's Pectoral Drops. A mixture of tincture of opium (4.2), compound tincture of gambir (6.4), spirit of camphor (4), oil of anise (0.1), caramel (1.6), and diluted alcohol (to make 100).

Average dose: Infants 0.6 mil or 10 minims.

Tinctura Persionis, N. F. IV. Tr. Persion.

Tincture of Cudbear. Now represents cudbear (10), alcohol (75), and water (to make 100).

Preparations: N. F.—Used as a coloring.

Tinctura Persionis Composita, N. F. IV. Tr. Persion. Co.

Compound Tincture of Cudbear. Represents cudbear (1.5), caramel (10), alcohol and water (to make 100).

Preparations: N. F.—Used as a coloring.

Tinctura Physostigmatis, U. S. P. IX. Tr. Physostig.

Tincture of Physostigma, Tincture of Calabar Bean. Yields from 0.013 to 0.017 w/v per cent of the alkaloids of physostigma. Made by extracting physostigma (10) with alcohol (to make 100). Method of assay.

Average dose: 1 mil or 15 minims.

Tinctura Pimpinellæ, N. F. IV. Tr. Pimpinel.

Tincture of Pimpinella. Now represents pimpinella (20), alcohol (65), and water (to make 100).

Average dose: 4 mils or 1 fluidrachm.

Tinctura Pulsatillæ, N. F. IV. New. Tr. Pulsatil.

Tincture of Pulsatilla. Represents pulsatilla (10), alcohol (75), and water (to make 100).

Average dose: 2 mils or 30 minims.

Tinctura Pyrethri, U. S. P. IX. Tr. Pyreth.

Tincture of Pyrethrum, Tincture of Pellitory. Made by extracting pyrethrum (20) with alcohol (to make 100).

Tinctura Quassiæ, U. S. P. IX. Tr. Quas.

Tincture of Quassia. Made by extracting quassia (20) with a mixture of alcohol (33) and water (to make 100).

Average dose: 2 mils or 30 minims.

Tinctura Quillajæ, N. F. IV. From U. S. P. VIII. Tr. Quillaj.

Tincture of Quillaja. Represents quillaja (20), alcohol (35), and water (to make 100).

Tinctura Rhei, U. S. P. IX. Tr. Rhei.

Tincture of Rhubarb. Made by extracting a mixture of rhubarb (20) and cardamom seed (3) with a mixture of glycerin (10), alcohol (50), and water (to make 100).

Average dose: 4 mils or 1 fluidrachm.

Preparation: N. F.—Mistura Opii et Rhei Composita.

TINCTURA RHEI AQUOSA, N. F. IV. Tr. Rhei Aq.
Aqueous Tincture or Rhubarb. Now represents rhubarb (10), potassium carbonate (1), cinnamon water (12.5), alcohol (11), and water (to make 100).
Average dose: 4 mils or 1 fluidrachm.

TINCTURA RHEI AROMATICA, U. S. P. IX. Tr. Rhei. Arom.
Aromatic Tincture of Rhubarb. Made by extracting a mixture of rhubarb (20), saigon cinnamon (4), clove (4), and myristica (2) with a mixture of glycerin (10), alcohol (50), and water (to make 100).
Average dose: 2 mils or 30 minims.
Preparation: U. S. P.—Syrupus Rhei Aromaticus.

TINCTURA RHEI DULCIS, N. F. IV. Tr. Rhei. Dulc.
Sweet Tincture of Rhubarb. Represents rhubarb (10), glycyrrhiza (4), anise (4), cardamom seed (1), glycerin (10), alcohol (50), and water (to make 100).
Average dose: 2 mils or 30 minims.

TINCTURA RHEI ET GENTIANÆ, N. F. IV. Tr. Rhei et Gent.
Tincture of Rhubarb and Gentian. Represents rhubarb (7), gentian (1.75), and diluted alcohol (to make 100).
Average dose: 4 mils or 1 fluidrachm.

TINCTURA RHEI VINOSA, N. F. III. See Vinum Rhei Compositum, N. F. IV.

TINCTURA SABAL ET SANTALI, N. F. IV. New.
Tr. Sabal et Santal.
Tincture of Saw Palmetto and Santal. Represents sabal (20), sandal wood (6.5), alcohol (80), and water (to make 100).
Average dose: 4 mils or 1 fluidrachm.

TINCTURA SANGUINARIÆ, U. S. P. IX. Tr. Sanguin.
Tincture of Sanguinaria, Tincture of Bloodroot. Made by extracting sanguinaria (10) with a mixture of hydrochloric acid (1), alcohol (60), and water (to make 100).
Average dose: 1 mil or 15 minims.

TINCTURA SAPONIS VIRIDIS COMPOSITA, N. F. III. See Linimentum Saponis Mollis Compositum, N. F. IV.

TINCTURA SCILLÆ, U. S. P. IX. Tr. Scill.
Tincture of Squill. The minimum lethal dose should not be greater than 0.006 mil for each gramme of body weight of frog. Made by extracting squill (10) with a mixture of alcohol (75) and water (to make 100). Biological method of assay.
Average dose: 1 mil or 15 minims.

TINCTURA SERPENTARIÆ, N. F. IV. From U. S. P. VIII. Tr. Serpent.

Tincture of Serpentaria. Represents serpentaria (20), alcohol (65), and water (to make 100).

Average dose: 4 mils or 1 fluidrachm.

TINCTURA STRAMONII, U. S. P. IX. Tr. Stramon.

Tincture of Stramonium. Yields from 0.0225 to 0.0275 w/v per cent of the total alkaloids of stramonium. Made by extracting stramonium (10) with diluted alcohol to (make 100). Method of assay.

Average dose: 0.5 mil or 8 minims.

TINCTURA STRAMONII SEMINIS, N. F. III. Deleted.

TINCTURA STROPHANTHI, U. S. P. IX. Tr. Strophanth.

Tincture of Strophanthus. Included in the International Protocol as Strophanthi Tinctura (P. I.). The minimum lethal dose should not be greater than 0.00006 mil of tincture for each gramme of body weight of frog. Represents deoleated strophanthus (10) in alcohol (to make 100). Biological method of assay.

Average dose: 0.5 mil or 8 minims.

TINCTURA SUMBUL, N. F. IV. Tr. Sumbul.

Tincture of Sumbul. Represents sumbul (10), alcohol (65), and water (to make 100).

Average dose: 4 mils or 1 fluidrachm.

TINCTURA TOLUTANA, U. S. P. IX. Tr. Tolu.

Tincture of Tolu. Represents balsam of tolu (20) in alcohol (to make 100).

Average dose: 2 mils or 30 minims.

Preparation: U. S. P.—Syrupus Tolutanus.

TINCTURA TOLUTANA ÆTHEREA, N. F. IV. Deleted.

TINCTURA TOLUTANA SOLUBILIS, N. F. III. Deleted.

TINCTURA VALERIANÆ, U. S. P. IX. Tr. Valer.

Tincture of Valerian. Made by extracting valerian (20) with a mixture of alcohol (75) and water (to make 100)

Average dose: 4 mils or 1 fluidrachm.

TINCTURA VALERIANÆ AMMONIATA, U. S. P. IX. Tr. Valer Ammon.

Ammoniated Tincture of Valerian. Made by extracting valerian (20) with aromatic spirit of ammonia (to make 100).

Average dose: 2 mils or 30 minims.

TINCTURA VANILLÆ, N. F. IV. From U. S. P. VIII. Tr. Vanill.

Tincture of Vanilla (Extract of Vanilla). Represents vanilla (10), sugar (20), and diluted alcohol (to make 100).

Preparations: N. F.—Elixir Ammonii Valeratis, Elixir Humuli, Elixir Strychninæ Valeratis, Emulsum Olei Ricini, Syrupus Bromidorum.

TINCTURA VANILLINI COMPOSITA, N. F. III. Deleted.

TINCTURA VERATRI, U. S. P. VIII. See Tinctura Veratri Viridis, U. S. P. IX.

TINCTURA VERATRI VIRIDIS, U. S. P. IX. Tr. Verat. Vir.

Tincture of Veratrum Viride, Tincture of Green Hellebore. Made by extracting veratrum viride (10) with alcohol (to make 100).

Average dose: 0.5 mil or 8 minims.

TINCTURA VIBURNI OPULI COMPOSITA, N. F. IV. Tr. Viburn. Opul. Co.

Compound Tincture of Viburnum. Represents viburnum opulus (3.5), dioscorea (3.5), scutellaria (1), clove (5), saigon cinnamon (6.5), glycerin (7.5), alcohol (75), and water (to make 100).

Average dose: 4 mils or 1 fluidrachm.

TINCTURA ZEDOARIÆ AMARA, N. F. IV. Tr. Zedoar. Amar.

Bitter Tincture of Zedoary, Compound Tincture of Zedoary. Represents zedoary (25), aloes (12.5), rhubarb (6.2), gentian (6.2), agaric (6.2), saffron (6.2), glycerin (12.5), alcohol (60), and water (to make 100).

Average dose: 4 mils or 1 fluidrachm.

TINCTURA ZINGIBERIS, U. S. P. IX. Tr. Zingib.

Tincture of Ginger, Tincture of Jamaica Ginger. Made by extracting Jamaica ginger (20) with alcohol (to make 100).

Preparation: U. S. P.—Acidum Sulphuricum Aromaticum.

TINCTURÆ ÆTHEREÆ, N. F. IV.

Ethereal Tinctures. A general formula.

TINCTURÆ HERBARUM RECENTIUM, U. S. P. VIII. See Tinctura Medicamentorum Recentium, N. F. IV.

TINCTURÆ MEDICAMENTORUM RECENTIUM, N. F. IV. From U. S. P. VIII.

Tinctures of Fresh Drugs, Tinctura Herbarum Recentium, U. S. P. VIII. A general formula.

TOXITABELLÆ HYDRARGYRI CHLORIDI CORROSIVI, U. S. P. IX. New. Toxitabel. Hydrarg. Chlor. Corr.

Poison Tablets of Corrosive Mercuric Chloride. Corrosive Sublimate Tablets, Bichloride Tablets. Tablets of an angular shape, each having the word "Poison" and the skull and cross bones design distinctly stamped upon it. Each one gram tablet contains from 0.45 to 0.55 gm. or corrosive mercuric chloride ($HgCl_2$ with NaCl). Tests and a method of assay.

TRAGACANTHA, U. S. P. Trag.

Tragacanth, Gum Tragacanth. The dried gummy exudation from the stems of several species of *Astragalus*. Yields not more than 3.5 per cent of ash.

Preparations: U. S. P. Mucilago Tragacanthæ.

N. F.—Emulsum Olei Morrhuæ cum Malto, Glyceritum Tragacanthæ, Stilus Acidi Salicylici Dilubilis, Trochisci Carbonis Ligni, Trochisci Gambir, Trochisci Quininæ Tannatis, Trochisci Santonini, Trochisci Santonini Compositi, Trochisci Sulphuris et Potassii Bitartratis, Trochisci Ulmi.

TRIFOLIUM, N. F. Part II. Trifol.

Trifolium or Red Clover Blossoms. The dried flowering heads of *Trifolium pratense* Linné. Yields not more than 10 per cent of ash.

Average dose: 4 gm. or 1 drachm.

Preparation: N. F.—Fluidextractum Trifolii.

TRILLIUM, N. F. IV. Part II. Trill.

Beth Root. The dried rhizome of *Trillium erectum* Linné and closely allied species of *Trillium*. Yields not more than 5 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparation: N. F.—Fluidextractum Trillii.

TRINITROPHENOL, U. S. P. IX. New. Trinitrophen.

Trinitrophenol, Picric Acid. Trinitrophenol ($C_6H_3O_7N_3$). Should be preserved in well-stoppered bottles remote from fire. For safety in transportation it is usually mixed with about 20 per cent of water. Tests for identity and purity.

Average dose: 0.03 gm. or ½ grain.

TRITICUM, U. S. P. IX. Tritic.

Triticum, Couch Grass, Dog Grass, Sweet Grass. The dried rhizome and roots of *Agropyron repens* Beauvois. Contains not more than 3 per cent of ash.

Average dose: 8 gm. or 2 drachms.

Preparation: U. S. P.—Fluidextractum Tritici.

TRITURATIONES, U. S. P. IX.

Triturations. A general formula directing that triturations be made by mixing the substance (10) with powdered sugar of milk (to make 100).

TRITURATIO ELATERINI, U. S. P. IX. Trit. Elaterin.

Trituration of Elaterin. A mixture of elaterin (10) with powdered sugar of milk (to make 100).

Average dose: 0.03 gm. or ½ grain.

TROCHISCI ACIDI TANNICI, U. S. P. IX. Troch. Acid. Tann.

Troches of Tannic Acid. Each troche contains tannic acid (0.06), sugar (0.65), tragacanth (0.02) flavored with orange flower water.

TROCHISCI AMMONII CHLORIDI, U. S. P. IX. Troch. Ammon. Chlor. Troches of Ammonium Chloride. Each troche contains ammonium chloride (0.1), extract of glycyrrhiza (0.2), tragacanth (0.02) flavored with orange flower water.

TROCHISCI CARBONIS LIGNI, N. F. IV. New. Troch. Carb. Lig. Troches of charcoal. Each troche contains charcoal (0.3), tragacanth (0.04), sugar (0.66), and vanillin (0.003).
Average dose: 1 troche.

TROCHISCI CATECHU, N. F. III. See Trochisci Gambir, N. F. IV.

TROCHISCI CRETÆ, N. F. III. Deleted.

TROCHISCI CUBEBÆ, U. S. P. IX. Troch. Cubeb. Troches of Cubeb. Each troche contains oleoresin of cubeb (0.02), oil of sassafras (0.01), extract of glycyrrhiza (0.25), acacia (0.12), flavored with syrup of tolu.

TROCHISCI FERRI, N. F. III. Deleted.

TROCHISCI GAMBIR, N. F. IV. From U. S. P. VIII. Troch. Gambir. Troches of Gambir, Trochisci Catechu, N. F. III. Each troche now contains gambir (0.06), tragacanth (0.03), sugar (0.91), and oil of cinnamon (0.002).
Average dose: 1 troche.

TROCHISCI GLYCERRHIZÆ ET OPII, U. S. P. VIII. Deleted.

TROCHISCI IPECACUANHÆ, N. F. III. Deleted.

TROCHISCI KRAMERLÆ, U. S. P. VIII. Deleted.

TROCHISCI MAGNESLÆ, N. F. III. Deleted.

TROCHISCI MENTHÆ PIPERITÆ, N. F. IV. Troch. Menth. Pip. Troches of Peppermint. Each troche contains oil of peppermint (0.01), sugar (1.0), and mucilage of tragacanth (to make a mass).
Average dose: 1 troche.

TROCHISCI MORPHINÆ ET IPECACUANHÆ, N. F. III. Deleted.

TROCHISCI PHENOLPHTHALEINI, N. F. IV. New. Troch. Phenolphthal. Troches of Phenolphthalein. Each troche contains phenolphthalein (0.06), acacia (0.1), sugar (0.84), vanillin (0.003), and carmine (0.001).
Average dose: 1 troche.

TROCHISCI POTASSII CHLORATIS, U. S. P. IX. Troch. Pot. Chlorat. Troches of Potassium Chlorate. Each troche contains potassium chlorate (0.15), sugar (0.6), and tragacanth (0.03).

TROCHISCI QUININÆ TANNATIS, N. F. IV. New. Troch. Quin. Tan. Troches of Quinine Tannate. Each troche contains quinine tannate (0.06), tragacanth (0.03), oil of theobroma (0.05), prepared

cocoa (0.25), sugar (0.6,) vanilla (0.003), and sodium benzosulphinide (0.002).
Average dose: 1 troche.

TROCHISCI SANTONINI, N. F. IV. From U. S. P. VIII.
Troch. Santonin.
Troches of Santonin. Each troche now contains santonin (0.03), tragacanth (0.03), sugar (0.54), prepared cocoa (0.4), and vanillin (0.001).
Average dose: 1 troche.

TROCHISCI SANTONINI COMPOSITI, N. F. IV. New.
Troch. Santonin. Co.
Compound Troches of Santonin, Troches of Santonin and Calomel. Each troche contains santonin (0.03), mild mercurous chloride (0.03), tragacanth (0.03), sugar (0.51), cocoa (0.4), and vanillin (0.001).
Average dose: 1 troche.

TROCHISCI SODII BICARBONATIS, U. S. P. IX. Troch. Sod. Bicarb.
Troches of Sodium Bicarbonate. Each troche contains sodium bicarbonate (0.18), sugar (0.54), myristica (0.01), and mucilage of tragacanth (to make 100).

TROCHISCI SODII SANTONINATIS, N. F. III. Deleted.

TROCHISCI SULPHURIS ET POTASSII BITARTRATIS, N. F. IV. New.
Troch. Sulphur. et Pot. Bitart.
Troches of Sulphur and Potassium Bitartrate, Troches of Sulphur and Cream of Tartar. Each troche contains washed sulphur (0.3), potassium bitartrate (0.06), tragacanth (0.04), sugar (0.6), and oil of orange peel (0.005).
Average dose: 1 troche.

TROCHISCI ULMI, N. F. IV. Troch. Ulmi.
Troches of Elm. Each troche contains elm bark (0.3), tragacanth (0.01), sugar (0.79), and methyl salicylate (0.002).
Average dose: 1 troche.

TROCHISCI ZINGIBERIS, N. F. III. Deleted.

ULMUS, U. S. P. IX.
Elm. Slippery Elm, Elm Bark. The bark of *Ulmus fulva* Michaux deprived of the outer corky layer and dried.
Preparation: Trochisci Ulmi.

UNGUENTA EXTENSA, N. F. III. See Mullæ, N. F. IV.

UNGUENTUM, U. S. P. IX. Ung.
Ointment, Simple Ointment. Official in European pharmacopœias as Unguentum Simplex (E). A mixture of white wax (20) and benzoinated lard (to make 100).

Preparations: U. S. P.—Unguentum acidi Tannici, Unguentum Gallae.
N. F.—Unguentum Calaminæ.

UNGUENTUM ACIDI BORICI, U. S. P. Ung. Acid. Bor.
Ointment of Boric Acid. A mixture of boric acid (10), paraffin (5), and white petrolatum (to make 100).

UNGUENTUM ACIDI GALLICI, N. F. III. Deleted.

UNGUENTUM ACIDI TANNICI, U. S. P. IX. Ung. Acid. Tann.
Ointment of Tannic Acid. A mixture of tannic acid (20), glycerin (20), and ointment (to make 100).

UNGUENTUM AQUÆ ROSÆ, U. S. P. IX. Ung. Aq. Ros.
Ointment of Rose Water. Official in European pharmacopœias as Unguentum Cetacei (E). A mixture of spermaceti (12.5), white wax (12), expressed oil of almond (56), sodium borate (0.5), and stronger rose water (to make 100).

UNGUENTUM BELLADONNÆ, U. S. P. IX. Ung. Bellad.
Belladonna Ointment. A mixture of pilular extract of belladonna leaves (10), diluted alcohol (5), hydrous wool fat (30), and benzoinated lard (to make 100).

UNGUENTUM CALAMINÆ, N. F. IV. Ung. Calamin.
Calamine Ointment (Unguentum Zinci Carbonatis Crudi, Unguentum Calaminare, Turner's Cerate). Now a mixture of prepared calamine (17) and ointment (to make 100).

UNGUENTUM CAMPHORÆ, N. F. IV. Ung. Camph.
Camphor Ointment. A mixture of camphor (22), white wax (11), and lard (to make 100).

UNGUENTUM CHRYSAROBINI, U. S. P. IX. Ung. Chrysarobin.
Chrysarobin Ointment. A mixture of chrysarobin (6) and benzoinated lard (to make 100).

UNGUENTUM CREOSOTI SALICYLATUM EXTENSUM, N. F. III. See Mulla Creosoti Salicylata, N. F. IV.

UNGUENTUM DIACHYLON, U. S. P. IX. Ung. Diachyl.
Diachylon Ointment. A mixture of lead plaster (50), oil of lavender (1), and white petrolatum (to make 100).

UNGUENTUM FUSCUM, N. F. IV. Ung. Fusc.
Brown Ointment, Unguentum Matris, Mother's Salve. A mixture of camphorated brown plaster (50), olive oil (25), and prepared suet (to made 100).

UNGUENTUM GALLÆ, U. S. P. IX. Ung. Gall.
Nutgall Ointment. A mixture of nutgall (20) and ointment (to make 100).

UNGUENTUM HYDRARGYRI, U. S. P. IX. Ung. Hydrarg.
Mercurial Ointment. A weaker preparation is included in the International Protocol, as Hydrargyri Unguentum (P. I.). A mixture of mercury (50), oleate of mercury (2), prepared suet (23), and benzoinated lard (to make 1000). Yields from 49 to 51 per cent of Hg. Method of assay.

Preparation: U. S. P.—Unguentum Hydrargyri Dilutum.

UNGUENTUM HYDRARGYRI AMMONIATI, U. S. P. IX. Ung. Hydrarg. Ammon.
Ointment of Ammoniated Mercury, White Precipitate Ointment. Official in European pharmacpœias as Unguentum Hydrargyri Album (E). A mixture of ammoniated mercury (10), white petrolatum (50), and hydrous wool fat (to make 100).

UNGUENTUM HYDRARGYRI CHLORIDI CORROSIVI EXTENSUM, N. F. III.
See Mulla Hydrargyri Chloridi Corrosivi, N. F. IV.

UNGUENTUM HYDRARGYRI DILUTUM, U. S. P. IX. Ung. Hydrarg. Dil.
Diluted Mercurial Ointment. (Blue Ointment.) Hydrargyri Unguentum (P. I.). Now a mixture of mercurial ointment (60) and petrolatum (to make 100). Yields from 29 to 31 per cent of Hg. Method of assay.

UNGUENTUM HYDRARGYRI NITRATIS, U. S. P. IX. Ung. Hydrarg. Nit.
Ointment of Mercuric Nitrate, Citrine Ointment. Made by the interaction of mercury (7), nitric acid (17.5), and lard (to make 100).

UNGUENTUM HYDRARGYRI OXIDI FLAVI, U. S. P. IX. Ung. Hydrarg. Oxid. Flav.
Ointment of Yellow Mercuric Oxide. A mixture of yellow mercuric oxide (10), water (10), hydrous wool fat (40), and petrolatum (to make 100).

UNGUENTUM HYDRARGYRI OXIDI RUBRI, N. F. IV. From U. S. P. VIII. Ung. Hydrarg. Oxid. Rub.
Ointment of Red Mercuric Oxide. A mixture of red mercuric oxide (10), hydrous wool fat (40), and petrolatum (to make 100).

UNGUENTUM IODI, U. S. P. IX. Ung. Iodi.
Iodine Ointment. A mixture of iodine (4), potassium iodide (4), glycerin (12), and benzoinated lard (to make 100).

UNGUENTUM IODOFORMI, U. S. P. IX. Ung. Iodof.
Iodoform Ointment. A mixture of iodoform (10), and benzoinated lard (to make 100).

UNGUENTUM MEZEREI, N. F. III. Deleted.

UNGUENTUM PHENOLIS, U. S. P. IX. Ung. Phenol.
Ointment of Phenol, Ointment of Carbolic Acid. A mixture of liquefied phenol (2.25) and ointment (to make 100).

UNGUENTUM PICIS COMPOSITUM, N. F. IV. Ung. Pic. Co.
Compound Tar Ointment. A mixture of rectified oil of tar (4), tincture of benzoin (2), zinc oxide (3), yellow wax (25), lard (32), and cottonseed oil (to make 100).

UNGUENTUM PICIS LIQUIDÆ, U. S. P. IX. Ung. Pic. Liq.
Tar Ointment. A mixture of tar (50), yellow wax (15), and lard (to make 100).

UNGUENTUM PLUMBI CARBONATIS, N. F. III. Deleted.

UNGUENTUM PLUMBI IODIDI, N. F. IV. Ung. Plumb. Iod.
Ointment of Lead Iodide. A mixture of lead iodide (10) and benzoinated lard (to make 100).

UNGUENTUM POTASSII IODIDI, N. F. IV. From U. S. P. VIII.
Ung. Pot. Iod.
Ointment of Potassium Iodide. Now a mixture of potassium iodide (10), sodium thiosulphate (1), and benzoinated lard (to make 100).

UNGUENTUM RESORCINI COMPOSITUM, N. F. III. See Unguentum Resorcinolis Compositum, N. F.

UNGUENTUM RESORCINOLIS COMPOSITUM, N. F. IV.
Ung. Resorcin. Co.
Compound Resorcinol Ointment. As modified, a mixture of resorcinol (6), zinc oxide (6), bismuth subnitrate (6), rectified oil of birch tar (6), yellow wax (10), petrolatum (25), wool fat (28), and glycerin (to make 100).

UNGUENTUM SALICYLATUM EXTENSUM, N. F. III. See Mulla Acidi Salicylici, N. F.

UNGUENTUM STRAMONII, U. S. P. IX. Ung. Stramon.
Stramonium Ointment. A mixture of pilular extract of stramonium (10), diluted alcohol (5), hydrous wool fat (20), and benzoinated lard (to make 100).

UNGUENTUM SULPHURIS, U. S. P. IX. Ung. Sulphur.
Sulphur Ointment. Official in European pharmacopœias as Unguentum Sulfuratum (E). A mixture of sublimed sulphur (15) and benzoinated lard (to make 100).

UNGUENTUM SULPHURIS ALKALINUM, N. F. IV. Ung. Sulphur. Alk.
Alkaline Sulphur Ointment. A mixture of sublimed sulphur (20), potassium carbonate (10), water (5), and benzoinated lard (to make 100).

UNGUENTUM SULPHURIS COMPOSITUM, N. F. IV. Ung. Sulphur Co.
Compound Sulphur Ointment, Wilkinson's Ointment, Hebra's Itch Ointment. A mixture of precipitated calcium carbonate (10), sublimed sulphur (15), oil of cade (15), soft soap (30), and lard (to make 100).

UNGUENTUM VERATRINÆ, N. F. IV. From U. S. P. VIII.
Ung. Veratrin.

Veratrine Ointment. A mixture of veratrine (4), expressed oil of almond (6), and benzoinated lard (to make 100).

UNGUENTUM ZINCI EXTENSUM, N. F. III. See Mulla Zinci, N. F. IV.

UNGUENTUM ZINCI OXIDI, U. S. P. IX. Ung. Zinc. Ox.

Ointment of Zinc Oxide, Zinc Ointment. A mixture of zinc oxide (20) and benzoinated lard (to make 100).

UNGUENTUM ZINCI STEARATIS, N. F. IV. From U. S. P. VIII.
Ung. Zinc. Stear.

Ointment of Zinc Stearate. A mixture of zinc stearate (50) and white petrolatum (to make 100).

URANII NITRAS, U. S. P. IX. New. Uran. Nit.

Uranium Nitrate. Contains not less than 98 per cent of $UO_2(NO_3)_2+6H_2O$. Test for identity and purity and a method of assay.

Average dose: 0.01 gm. or $\frac{1}{6}$ grain. Use with caution.

UVA URSI, U. S. P. IX.

Uva Ursi, Bearberry. Official in European pharmacopœias as Folia Uvæ Ursi (E). The dried leaves of *Arctostaphylos Uva-ursi*, Sprengel, without the admixture of more than 5 per cent of stems and other foreign matter.

Average dose: 2 gm. or 30 grains.

Preparations: U. S. P.—Fluidextractum Uvæ Ursi.

N. F.—Fluidextractum Buchu Compositum.

VALERIANA, U. S. P. IX. Valer.

Valerian. Official in European pharmacopœias as Rhizoma Valerianæ (E). The dried rhizome and roots of *Valeriana officinalis* Linné. Contains not more than 20 per cent of ash.

Average dose: 2 gm. or 30 grains.

Preparations: U. S. P.—Tinctura Valerianæ, Tinctura Valerianæ Ammoniata.

N. F.—Fluidextractum Valerianæ.

VANILLA, N. F. Part II. From U. S. P. VIII.

Vanilla, Vanilla Bean. The cured, full grown unripe fruit of *Vanilla planifolia* Andrews. Yields not more than 6 per cent of ash.

Preparation: N. F.—Tinctura Vanillæ.

VANILLINUM, U. S. P. IX. Vanillin.

Vanillin, Methylprotocatechuic aldehyde ($C_8H_8O_3$) occurring naturally in vanilla or prepared synthetically. Tests for identity and purity.

Average dose: 0.03 gm. or $\frac{1}{2}$ grain.

Preparations: N. F.—Elixir Amygdalæ Compositum, Liquor Ferri Peptonati, Liquor Ferri Petonati cum Mangano, Oleum Ricini Aromaticum, Spiritus Vanillini Compositus, Trochisci Carbonis Ligni, Tochisci Phenolphaleini, Trochisci Quininæ Tannatis, Trochisci Santonini, Trochisci Santonini Compositi.

VERATRINA. U. S. P. IX. Veratrin.

Veratrine, Veratria. Official in European pharmacopœias as Veratrinum (E). A mixture of alkaloids obtained from the seed of *Asagræa officinalis* Lindley. Test for identity and purity.

Preparations: N. F.—Unguentum Vetratrinæ, used in making: Oleatum Veratrinæ.

VERATRUM, U. S. P. VIII. See Veratrum Viride, U. S. P. IX.

VERATRUM VIRIDE, U. S. P. IX. Verat. Vir.

Veratrum Viride, Green Hellebore, American Hellebore. Official in European pharmacopœias as Rhizoma Veratri (E). The dried rhizome and roots of *Veratrum Viride* Aiton without the admixture of more than 5 per cent of stems or other foreign matter.

Average dose: 0.06 gm. or 1 grain.

Preparations: U. S. P.—Fluidextractum Veratri Viridis, Tinctura Veratri Viridis.

VERBASCI FLORES, N. F. IV. Part II. Verbasc. Flor.

Mullein Flowers. The dried corollas with adhering stamens of *Verbascum phlomoides* Linné or of *Verbascum thapsiforme* Schaeder·

Average dose: 8 gm. or 2 drachms.

Preparation: N. F.—Species Pectorales.

VERBASCI FOLIA, N. F. IV. Part II. Verbasc. Fol.

Mullein Leaves. The dried leaves of *Verbascum thapsus* Linné. Yields not more than 14 per cent of ash.

Average dose: 4 gm. or 1 drachm.

Preparation: N. F.—Fluidextractum Verbasci.

VERBENA, N. F. IV. Part II. Verben.

Verbena, Blue Vervain. The dried overground portion of *Verbena hastata* Linné collected when flowering.

Preparation: N. F.—Fluidextractum Verbenæ.

VIRBURNUM OPULUS, N. F. IV. Part II. Viburn. Opul.

Viburnum Opulus (Cramp Bark), High Bush Cranberry Bark. The dried bark of *Viburnum opulus* var. *americanum* Aiton without admixture of more than 5 per cent of wood and other foreign matter.

Average dose: 2 gm. or 30 grains.

Preparations: N. F.—Fluidextractum Viburni Opuli, Tinctura Viburni Opuli Composita.

VIBURNUM PRUNIFOLIUM, U. S. P. IX. Viburn. Prun.

Viburnum Prunifolium, Black Haw, Viburnum. Official in European pharmacopœias as Cortex Viburni (E). The dried bark of *Viburnum prunifolium* Linné or of *Viburnum lantago* Linné without admixture of more than 5 per cent of wood or other foreign matter.

Average dose: 2 gm. or 30 grains.

Preparations: U. S. P.—Extractum Viburni Prunifolii, Fluidextractum Viburni Prunifolii (which see).

VINUM ALBUM, U. S. P. VIII. Deleted.

VINUM ALBUM FORTIUS, N. F. III. Deleted.

VINUM ALOES, N. F. III. Deleted.

VINUM ANTIMONII, N. F. IV. From U. S. P. VIII. Vin. Antimon.

Wine of Antimony. As modified, a solution of antimony and potassium tartrate (0.4), in a mixture of distilled water (2.5), alcohol (17.5), and sherry wine (to make 100).

Average dose: 1 mil or 15 minims.

VINUM AURANTII COMPOSITUM, N. F. IV. Vin. Aurant. Co.

Compound Wine of Orange, Elixir Aurantiorum Compositum, Compound Elixir of Orange. Represents bitter orange peel (20), absinthium (6.5), menyanthes (6.5), cascarilla (6.5), saigon cinnamon (4.3), gentian (4.3), potassium carbonate (1), and sherry wine (to make 100).

Average dose: 4 mils or 1 fluidrachm.

VINUM CARNIS, N. F. IV. Vin. Carn.

Wine of Beef, Beef and Wine. As modified, a solution of extract of beef (3), in a mixture of hot water (6), syrup (10), alcohol (5), compound spirit of orange (1), and sherry wine (to make 100).

Average dose: 8 mils or 2 fluidrachms.

VINUM CARNIS ET FERRI, N. F. IV. Vin. Carn. et Ferr.

Wine of Beef and Iron, Beef, Wine, and Iron. As modified, a solution of extract of beef (3) and iron and ammonium citrate (1) in a mixture of water (6), syrup (10), alcohol (5), compound spirit of orange (0.1), and sherry wine (to make 100).

Average dose: 8 mils or 2 fluidrachms.

VINUM CARNIS, FERRI ET CINCHONÆ, N. F. III. Deleted.

VINUM COCÆ, U. S. P. VIII. Deleted.

VINUM COCÆ AROMATICUM, N. F. III. Deleted.

VINUM COLCHICI, CORMI, N. F. IV. Vin. Colchic. Corm.

Wine of Colchicum Corm. Represents colchicum corm (40), alcohol (15), and sherry wine (to make 100). Yields when assayed by the method for fluid extract of colchicum corm from 0.126 to 0.154 w/v per cent of colchicine.

Average dose: 0.6 mil or 10 minims.

VINUM COLCHICI RADICIS, N. F. III. See Vinum Colchici Cormi, N. F.

VINUM COLCHICI SEMINIS, N. F. IV. From U. S. P. VIII. Vin. Colch. Sem.

Wine of Colchicum Seed. A mixture of fluidextract of colchicum seed (10), alcohol (15), and sherry wine (to make 100). Yields when assayed by the method for fluidextract of colchicum from 0.036 to 0.044 w/v per cent of colchicine.

Average dose: 2 mils or 30 minims.

VINUM ERGOTÆ, U. S. P. VIII. Deleted.

VINUM FERRI, N. F. IV. From U. S. P. VIII. Vin. Ferr.

Wine of Iron (Vinum Ferri Citratis). Wine of Citrate of Iron. A solution of iron and ammonium citrate (4) in a mixture of tincture of sweet orange peel (6), syrup (10), and sherry wine (to make 100).

Average dose: 8 mils or 2 fluidrachms.

VINUM FERRI AMARUM, N. F. IV. From U. S. P. VIII. Vin. Ferr. Amar.

Bitter Wine of Iron. Now a solution of iron and quinine citrate (5) in a mixture of tincture of sweet orange peel (6), syrup (30), and sherry wine (to make 100).

Average dose: 8 mils or 2 fluidrachms.

VINUM FRAXINI, N. F. IV. VIN. FRAX.

Wine of White Ash. Now represents white ash bark (50), alcohol (12.5), and sherry wine (to make 100).

Average dose: 4 mils or 1 fluidrachm.

VINUM FRAXINI AMERICANÆ, N. F. III. See Vinum Fraxini, N. F. IV.

VINUM IPECACUANHÆ, N. F. IV. From U. S. P. VIII. Vin. Ipecac.

Wine of Ipecac. A mixture of fluidextract of ipecac (10), alcohol (10), and sherry wine (to make 100). Yields when assayed by the method outlined from 0.18 to 0.22 w/v per cent of the alkaloids from ipecac.

Average dose: 1 mil or 15 minims.

VINUM OPII, U. S. P. VIII. Deleted. See Tinctura Opii Crocata, N. F. IV.

VINUM PEPSINI, N. F. IV. Vin. Pepsin.

Wine of Pepsin, Pepsin Wine. A mixture of glycerite of pepsin (20), alcohol (10), and sherry wine (to make 100).

Average dose: 8 mils or 2 fluidrachms.

VINUM PICIS, N. F. IV. Vin. Pic.

Wine of Tar. Now represents tar (10), freed from water soluble constituents in a mixture of alcohol (12.5) and sherry wine (87.5).

Average dose: 8 mils or 2 fluidrachms.

VINUM PRUNI VIRGINIANÆ, N. F. Vin. Prun. Virg.

Wine of Wild Cherry. Now represents wild cherry (25), water (20), alcohol (10), sugar (16.5), and sherry wine (to make 100).

Average dose: 4 mils or 1 fluidrachm.

Preparation: N. F.—Vinum Pruni Virginianæ Ferratum.

VINUM PRUNI VIRGINIANÆ FERRATUM, N. F. IV.
Vin. Prun. Virg. Ferr.

Ferrated Wine of Wild Cherry. A mixture of tincture of ferric citro-chloride (8), and wine of wild cherry (to make 100).

Average dose: 4 mils or 1 fluidrachm.

VINUM RHEI, N. F. III. Deleted.

VINUM RHEI COMPOSITUM, N. F. IV. Vin. Rhei. Co.

Compound Wine of Rhubarb. A mixture of fluidextract of rhubarb (8), fluidextract of bitter orange peel (2), tincture of cardamom (8), sugar (12.5), and sherry wine (to make 100).

Average dose: 4 mils or 1 fluidrachm.

VINUM RUBRUM, U. S. P. VIII. Deleted.

VINUM XERICUM, N. F. IV. Part II. Vin. Xeric.

Sherry wine. An alcoholic liquid made by fermenting the juice of fresh ripe grapes the fruit of cultivated varieties of *Vitis* Linné freed from seeds, stems, and skins, and fortifying with pure grape brandy. Sherry wine contains from 16 to 24 per cent of absolute alcohol. Tests for identity and purity.

Preparation: N. F.—Used as a solvent and diluent.

VIRUS VACCINICUM, U. S. P. IX. New. Virus Vaccin.

Vaccine Virus, Glycerinated Vaccine Virus, Jennerian Vaccine. Smallpox vaccine. Prepared from the pustules of vaccinia or cowpox from healthy vaccinated animals of the bovine species. Must comply with the regulations established by the U. S. Public Health Service.

XANTHOXYLUM, U. S. P. IX. Xanthox.

Xanthoxylum, Prickly Ash Bark. The dried bark of *Xanthoxylum americanum* known in commerce as Northern Prickly Ash Bark or *Xanthoxylum Clava-Herculis* Linné known in commerce as Southern Prickly Ash Bark.

Average dose: 2 gm. or 30 grains.

Preparation: U. S. P.—Fluidextractum Xanthoxyli.

XANTHOXYLI FRUCTUS, N. F. IV. Part II. Xanthox. Fruct.

Prickly Ash Berries. The dried fruit of *Xanthoxylum americanum* Miller or *Xanthoxylum Clava-Herculis* Linné. Yields not more than 7 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparation: N. F.—Used in making Fluidextractum Stillingiæ Compositum.

ZEA, N. F. IV. Part II. From U. S. P. VIII.

Zea, Corn Silk. The fresh styles and stigmas of *Zea mays* Linné.

Average dose: 4 gm. or 1 drachm.

Preparation: N. F.—Fluidextractum Zeæ.

ZEDOARIA, N. F. IV. Part II. Zedoar.

Zedoary. The dried rhizome of *Curcuma zedoaria* Roscoe. Yields not more than 7 per cent of ash.

Average dose: 1 gm. or 15 grains.

Preparations: Pilulæ Antiperiodicæ, Pilulæ Antiperiodicæ sine Aloe, Tinctura Antiperiodica, Tinctura Antiperiodica sine Aloe, Tinctura Zedoariæ Amara.

ZINCI ACETAS, U. S. P. IX. Zinc. Acet.

Zinc Acetate. Contains from 83.16 to 87.32 per cent of anhydrous zinc acetate corresponding to not less than 99.5 per cent of the crystallized salt $Zn(C_2H_3O_2)_2+2H_2O$. Tests for identity and purity and a method of assay with an alternative electrolytic method.

Average dose: 0.125 gm. or 2 grains.

ZINCI BROMIDUM, U. S. P. VIII. Deleted.

ZINCI CARBONAS PRÆCIPITATUS, U. S. P. IX. Zinc. Carb. Præc.

Precipitated Zinc Carbonate, Basic Zinc Carbonate. A compound of somewhat variable chemical composition corresponding to not less than 68 per cent of ZnO. Tests for identity and purity and a method of assay.

Preparation: Liquor Zinci Chloridi.

ZINCI CHLORIDUM, U. S. P. IX. Zinc. Chlor.

Zinc Chloride. Official in European pharmacopœias as Zincum Chloratum (E). Chloretum Zincicum (S). Contains not less than 95 per cent of $ZnCl_2$. Tests for identity and purity and a method of assay.

ZINCI IODIDUM, U. S. P. VIII. Deleted.

ZINCI OLEO-STEARAS, N. F. III. Deleted.

ZINCI OXIDUM, U. S. P. IX. Zinc. Oxid.

Zinc Oxide. Official in European pharmacopœias as Zincum Oxydatum (E). Oxydatum Zincicum (S). Contains when freshly ignited not less than 99 per cent of ZnO. Tests for identity and a method of assay.

Preparation: U. S. P.—Unguentum Zinci Oxidi.

N. F.—Glycerogelatinum Zinci Durum, Glycerogelatinum Zinci Molle, Mulla, Zinci, Pasta Resorcinolis Fortis, Pasta Resorcinolis Mitis, Pasta Zinci, Pasta Zinci Mollis, Pasta Zinci Sulphurata, Unguentum Resorcinolis Compositum, Unguentum Picis, Compositum.

Zinci Phenolsulphonas, U. S. P. IX. Zinc. Phenolsulph.

Zinc Phenolsulphonate, Zinc Sulphocarbolate. Contains from 73.7 to 77.4 per cent of anhydrous zinc phenolsulphonate corresponding to not less than 99.5 per cent of $Zn(C_6H_5O.SO_3)_2+{}_8H_2O$. Tests for identity and purity and a method of assay with an alternative electrolytic method.

Average dose: 0.125 gm. or 2 grains.

Zinci Stearas, U. S. P. IX. Zinc. Stear.

Zinc Stearate. A compound of zinc with stearic acid and small but variable proportions of palmitic acid, containing an amount of zinc corresponding to from 13 to 15.5 per cent of ZnO. Tests for identity and purity and a method of assay.

Preparation: N. F.—Unguentum Zinci Stearatis.

Zinci Sulphas, U. S. P. IX. Zinc. Sulph.

Zinc Sulphate. Official in European pharmacopœias as Zincum Sulfuricum (E). Sulfas Zincicum (S). Contains from 55.86 to 58.65 per cent of anhydrous zinc sulphate, corresponding to not less than 99.5 per cent of $ZnSO_4+7H_2O$. Tests for identity and purity and a method of assay with an alternative electrolytic method.

Average dose: 1 gm. or 15 grains.

Preparations: N. F.—Liquor Zinci et Alumini Compositus. Liquor Zinci et Ferri Compositus, Mistura Adstringens, Pulvis Antisepticus.

Zinci Valeras, U. S. P. IX. Zinc. Valer.

Zinc Valerate, Zinc Valerianate. Official in European pharmacopœias as Zincum Valerianicum (E). Contains not less than 99 per cent of the crystallized salt $Zn(C_5H_9O_2)_2+2H_2O$. Tests for identity and purity and a method of assay.

Average dose: 0.125 gm. or 2 grains.

Preparation: Elixir Zinci Valeratis.

Zincum, U. S. P. IX. Zinc.

Zinc. Contains not less than 99 per cent of Zn. Tests for identity and purity and a method of assay with an alternative electrolytic method.

Preparation: U. S. P.—Liquor Zinci Chloridi.

ZINGIBER, U. S. P. IX. Zingib.

Ginger. Official in European pharmacopœias as Rhizoma Zingiberis (E). The dried rhizomes of *Zingiber officinale.* Roscoe, the outer cortical layers of which are often partially or completely removed. The drug occurs in commerce as Jamaica ginger, African Ginger, Calcutta ginger, Calicut Ginger, Cochin Ginger, and Japanese Ginger.

Average dose: 1 gm. or 15 grains.

Preparations: U. S. P.—Fluidextractum Zingiberis (which see), Oleoresina Zingiberis, Pulvis Aromaticus (which see), Pulvis Rhei Compositus, Tinctura Zingiberis (which see).

N. F.—Elixir Rubi Compositum, Pulvis Aromaticus, Rubefaciens, Pulvis Myricæ Compositus, Tinctura Antiperiodica, Tinctura Antiperiodica sine Aloe, Tinctura Aromatica.

ALPHABETICAL LIST OF OFFICIAL ENGLISH TITLES, WIDELY USED SYNONYMS, AND TRADE NAMES WITH THE CORRESPONDING LATIN TITLES OF THE U. S. P. AND N. F.

(The official English titles are in italics.)

Absinthium	Absinthium, N. F.
Absolute Alcohol	Alcohol Dehydratum, U. S. P.
Acacia	Acacia, U. S. P.
Acacia, Compound Powder of	Pulvis Acaciæ Compositus, N. F. III.
Acacia, Mixture of	Mistura Acaciæ, N. F. III.
Acacia, Syrup of	Syrupus Acaciæ, U. S. P.
Acetanilid	Acetanilidum, U. S. P.
Acetanilide	Acetanilidum, U. S. P.
Acetanilid Powder, Compound	Pulvis Acetanilidi Compositus, N. F.
Acetas plumbicus	Plumbi Acetas, U. S. P.
Acetic Acid	Acidum Aceticum, U. S. P.
Acetic Acid, Diluted	Acidum Aceticum Dilutum, U. S. P.
Acetic Acid, Glacial	Acidum Aceticum Glaciale, U. S. P.
Acetic Ether	Æther Aceticus, N. F.
Acetic Turpentine Liniment	Linimentum Terebinthinæ Aceticum, N. F.
Acetone	Acetonum, U. S. P.
Acetphenetidin	Acetphenetidinum, U. S. P.
Acid	See under English name of.
Acid Camphor Mixture	Mistura Camphoræ Acida, N. F.
Acid, Phenylcinchonic	Acidum Phenylcinchonicum, U. S. P.
Acid Solution of Phosphates	Liquor Phosphatum Acidus, N. F.
Acidum Arsenicosum	Arseni Trioxidum, U. S. P
Acidum Carbolicum	Phenol, U. S. P.
Acidum Carbolicum Iodatum, N. F. III	Phenolum Iodatum, N. F.
Acidum Carbolicum Liquefactum	Phenol Liquefactum, U. S. P.
Acidum Chromicum	Chromii Trioxidum U. S. P.
Acidum Gallotannicum	Acidum Tannicum, U. S. P.
Acidum Hydrochloratum	Acidum Hydrochloricum, U. S. P.
Acidum Hydrochloratum Dilutum	Acidum Hydrochloricum Dilutum, U. S. P.
Acidum Hydrocyanicum Dilutum (P. I.)	Acidum Hydrocyanicum Dilutum, U. S. P.
Acidum Phosphoricum Glaciale Dilutum	Acidum Metaphosphorium Dilutum, N. F. III.
Aconite	Aconitum, U. S. P.
Aconite and Chloroform, Liniment of	Linimentum Aconiti et Chloroformi, N. F.
Aconite, Extract of	Extractum Aconiti, U. S. P.
Aconite, Fleming's Tincture of	Tinctura Aconiti, Fleming, N. F. III.
Aconite, Fluidextract of	Fluidextractum Aconiti, U. S. P.
Aconite Root	Aconitum, U. S. P.
Aconite, Tincture of	Tinctura Aconiti, U. S. P.
Aconitine	Aconitina, U. S. P.
Aconitine, Oleate of	Oleatum Aconitinæ, N. F.
Aconiti Tinctura P. I	Tinctura Aconiti, U. S. P.
Aconiti Tuber, P. I	Aconitum, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Actaea, Compound Syrup of	Syrupus Cimicifugæ Compositus, N. F.
Adeps Benzoatus	Adeps Benzoinatus, U. S. P.
Adeps Lanae Anhydricus	Adeps Lanæ, U. S. P.
Adeps Suillus	Adeps, U. S. P.
Adhesive plaster	Emplastrum Resinæ, U. S. P.
Adonis	Adonis, N. F.
Adonis, Fluidextract of	Fluidextractum Adonidis, N. F.
Adstringent Lotion	Lotio Adstringens, N. F. III.
Aether Chloratus	Æthylis Chloridum, U. S. P.
Aetheroleum Amygdalae Amarae	Oleum Amygdalæ Amaræ, U. S. P.
Aetheroleum Anisi	Oleum Anisi, U. S. P.
Aetheroleum Carvi	Oleum Cari, U. S. P.
Aetheroleum Citri	Oleum Limonis, U. S. P.
Aetheroleum Foeniculi	Oleum Fœniculi, U. S. P.
Aetheroleum Juniperi	Oleum Juniperi, U. S. P.
Aetheroleum Lavandulae	Oleum Lavandulæ Florum, U. S. P.
Aetheroleum Menthae Piperitae	Oleum Menthæ Piperitæ, U. S. P.
Aetheroleum Rosae	Oleum Rosæ, U. S. P. VIII.
Aetheroleum Rosmarini	Oleum Rosmarini, U. S. P.
Aetheroleum Terebinthinae Crudum	Oleum Terebinthinæ, U. S. P.
Aetheroleum Terebinthinae Rectificatum	Oleum Terebinthinæ Rectificatum, U. S. P.
Aetheroleum Thymi	Oleum Thymi, U. S. P.
Aether Petrolei	Benzinum, U. S. P. VIII.
Aether spirituosus	Spiritus Ætheris, U. S. P.
African Pepper	Capsicum, U. S. P.
Agar-Agar	Agar, U. S. P.
Agaric	Agaricus, N. F.
Aitken Tonic Pills	Pilulæ Ferri, Quininæ, Strychninæ et Arseni Mitis, N. F.
Albumen, Fresh Egg	Ovi Albumen Recens, N. F.
Albuminate of Iron, Solution of	Liquor Ferri Albuminati, N. F.
Alcohol	Alcohol, U. S. P.
Alcohol Absolutus, U. S. P. VIII	Alcohol Dehydratum, U. S. P.
Alcohol, Dehydrated	Alcohol Dehydratum, U. S. P.
Alcohol, Diluted	Alcohol Dilutum, U. S. P.
Alcoholic Eye-Wash	Spiritus Ophthalmicus, N. F. III.
Aleppo Galls	Galla, U. S. P.
Aletris	Aletris, N. F.
Aletris, Fluidextract of	Fluidextractum Aletridis, N. F.
Alkaline Antiseptic Solution	Liquor Antisepticus Alkalinus, N. F.
Alkaline Mixture of Rhubarb	Mistura Rhei Alkalina, N. F.
Alkaline Solution of Tar	Liquor Picis Alkalinus, N. F.
Alkaline Sulphur Ointment	Unguentum Sulphuris Alkalinum, N. F.
Allspice	Pimenta, N. F.
Almond, Bitter	Amygdala Amara, U. S. P. VIII.
Almond, Compound Elixir of	Elixir Amygdalæ Compositum, N. F.
Almond, Compound Powder of	Pulvis Amygdalæ Compositus, N. F. III.
Almond, Emulsion of	Emulsum Amygdalæ, U. S. P.
Almond Oil, Expressed	Oleum Amygdalæ Expressum, U. S. P.
Almond, Sweet	Amygdala Dulcis, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Almond, Syrup of	Syrupus Amygdalæ, U. S. P. VIII.
Almond Water, Bitter	Aqua Amygdalæ Amaræ, U. S. P.
Aloes	Aloe, U. S. P.
Aloes and Canella, Powder of	Pulvis Aloes et Canellæ, N. F.
Aloes and Myrrh, Tincture of	Tinctura Aloes et Myrrhæ, N. F.
Aloes, Compound Decoction of	Decoctum Aloes Compositum, N. F. III.
Aloes, Extract of	Extractum Aloes, N. F.
Aloes, Pills of	Pilulæ Aloes, U. S. P.
Aloes, Tincture of	Tinctura Aloes, U. S. P.
Aloin	Aloinum, U. S. P.
Aloin, Pills of	See Pills of Aloin.
Alphahydroxypropionic Acid	Acidum Lacticum, U. S. P.
Althea	Althæa, U. S. P.
Althea Leaves	Althææ, Folia, N. F.
Alum	Alumen, U. S. P.
Alumen Ustum	Alumen Exsiccatum, U. S. P.
Alum, Exsiccated	Alumen Exsiccatum, U. S. P.
Aluminum subacetate, Solution of	Liquor Alumini Subacetatis, N. F.
Aluminium Sulfuricum	Alumini Sulphas, N. F.
Aluminium Acetate, Solution of	Liquor Alumini Acetatis, N. F.
Aluminum Acetate, N. F. III, Solution of.	Liquor Alumini Subacetatis, N. F. IV.
Aluminum Acetico-Tartrate, Solution of	Liquor Alumini Acetico-Tartratis, N. F.
Aluminum Chloride	Alumini Chloridum, N. F.
Aluminum Hydroxide	Alumini Hydroxidum, U. S. P.
Aluminum Sulphate	Alumini Sulphas, N. F.
American Hellebore	Veratrum Viride, U. S. P.
American Spikenard	Aralia, N. F.
Aminoform	Hexamethylenamine, U. S. P.
Ammonaldehyde	Hexamethylenamina, U. S. P.
Ammonia, Aromatic Spirit of	Spiritus Ammoniæ Aromaticus, U. S. P.
Ammonia, Anisated Spirit of	Spiritus Ammoniæ Anisatus, N. F.
Ammoniac, Emulsion of	Emulsum Ammoniaci, N. F. III.
Ammoniac Plaster	Emplastrum Ammoniaci, N. F. III.
Ammoniac Plaster with Mercury	Emplastrum Ammoniaci cum Hydrargyri, N. F. III.
Ammonia Liniment	Linimentum Ammoniæ, U. S. P.
Ammoniated Camphor Wash	Lotio Ammoniacalis Camphorata, N. F.
Ammoniated Glycyrrhizin	Glycyrrhizinum Ammoniatum, U. S. P.
Ammoniated Mercury	Hydrargyrum Ammoniatum, U. S. P.
Ammoniated Mercury, Ointment of	Unguentum Hydrargyri Ammoniati, U. S. P.
Ammoniated Tincture of Ergot	Tinctura Ergotæ Ammoniata, N. F.
Ammoniated Tincture of Guaiac	Tinctura Guaiaci Ammoniata, U. S. P.
Ammoniated Tincture of Valerian	Tinctura Valerianæ Ammoniata, U. S. P.
Ammonia Water	Aqua Ammoniæ, U. S. P.
Ammonia Water, Stronger	Aqua Ammoniæ Fortior, U. S. P.
Ammonio-Ferric Citrate	Ferri et Ammonii Citras, U. S. P.
Ammonio-Formaldehyde	Hexamethylenamine, U. S. P.
Ammonium Acetate, Concentrated Solution of.	Liquor Ammonii Acetatis concentratus, N. F. III.
Ammonium Acetate, Solution of	Liquor Ammonii Acetatis, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Ammonium Aceticum Solutum	Liquor Ammonii Acetatis, U. S. P.
Ammonium Benzoate	Ammonii Benzoas, U. S. P.
Ammonium Benzoicum	Ammonii Benzoas, U. S. P.
Ammonium Bromatum	Ammonii Bromidum, U. S. P.
Ammonium Bromide	Ammonii Bromidium, U. S. P.
Ammonium Bromide, Elixir of	Elixir Ammonii Bromidi, N. F.
Ammonium Carbonate	Ammonii Carbonas, U. S. P.
Ammonium Carbonicum	Ammonii Carbonas, U. S. P.
Ammonium Chloratum	Ammonii Chloridum, U. S. P.
Ammonium Chloride	Ammonii Chloridum, U. S. P.
Ammonium Chloride, Mixture of	Mistura Ammonii Chloridi, N. F.
Ammonium Chloride, Troches of	Trochisci Ammonii Chloridi, U. S. P.
Ammonium Citrate, Solution of	Liquor Ammonii Citratis, N. F.
Ammonium Hypophosphite	Ammonii Hypophosphis, N. F.
Ammonium Hypophosphite, Syrup of	Syrupus Ammonii Hypophosphitis, N. F.
Ammonium Iodide	Ammonii Iodidum, U. S. P.
Ammonium Iodide, Liniment of	Linimentum Ammonii Iodidi, N. F.
Ammonium Jodatum	Ammonii Iodidum, U. S. P.
Ammonium Phosphate	Ammonii Phosphas, N. F.
Ammonium Salicylate	Ammonii Salicylas, U. S. P.
Ammonium Salicylicum	Ammonii Salicylas, U. S. P.
Ammonium Valerate, Elixir of	Elixir Ammonii Valeratis, N. F.
Ammonium Valerate	Ammonii Valeras, U. S. P.
Ammonium Valerianate	Ammonii Valeras. U. S. P.
Ammonium Valerianate and Quinine, Elixir of.	Elixir Ammonii Valerianatis et Quininæ, N. F. III.
Amylium Nitrosum	Amylis Nitris, U. S. P.
Amyl Nitrite	Amylis Nitris, U. S. P.
Anethol	Anethol, N. F.
Angelica Fruit	Angelicæ Fructus, N. F.
Angelica Root	Angelicæ Radix, N. F.
Angelica Root, Fluid extract of	Fluid extractum Angelicæ Radicis, N. F.
Animal Charcoal	Carbo Animalis, U. S. P. VIII.
Animal Charcoal, Purified	Carbo Animalis Purificatus, U. S. P. VIII.
Anisated Powder of Rhubarb and Magnesia	Pulvis Rhei et Magnesiæ Anisatus, N. F.
Anisated Solution of Ammonia	Spiritus Ammonii Anisatus, N. F.
Anisated Spirit of Ammonia	Spiritus Ammonii Anisatus, N. F.
Anise	Anisum, U. S. P.
Anise, Elixir of	Elixir Anisi, N. F.
Anise Oil	Oleum Anisi, U. S. F.
Anise, Oil of	Oleum Anisi, U. S. P.
Anise, Spirit of	Spiritus Anisi, U. S. P.
Anise Water	Aqua Anisi, U. S. P.
Antacrid Tincture	Tinctura Antacrida, N. F. III.
Anthemis	Anthemis, U. S. P. VIII.
Antidiphtheric Globulins	Serum Antidiphthericum Purificatum, U. S. P.
Antidiphtheric Serum	Serum Antidiphthericum, U. S. P.
Antidpihtheric Serum. Dried	Serum Antidiphthericum Siccum, U. S. P.
Antidotum Arsenici	Ferri Hydroxidum cum Magnesii Oxidi, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U S. P. and N. F.—Continued.

Antidyspeptic Pills	Pilulæ Antidyspepticæ, N. F.
Antifebrin	Acetanilidum, U. S. P.
Antifebrinum	Acetanilidum, U. S. P.
Antimonial Powder	Pulvis Antimonialis, N. F.
Antimonium Oxysulphuratum	Antimonium Sulphuratum, N. F.
Antimony and Potassium Tartrate	Antimonii et Potassii Tartras, U. S. P.
Antimony, Compound Pills of	Pilulæ Antimonii Compositæ, N. F.
Antimonye, Potassium Tartrate	Antimonii et Potassii Tartras, U. S. P.
Antimony Oxide	Antimonii Oxidum, N. F.
Antimony, Sulphurated	Antimonium Sulphuratum, N. F.
Antimony Sulphide, Purified	Antimonii Sulphidum Purificatum, N. F. III.
Antimony, Wine of	Vinum Antimonii, N. F.
Antineuralgic Pills	Pilulæ Antineuralgicæ, N. F. III.
Antiperiodic Pills	Pilulæ Antiperiodicæ, N. F.
Antiperiodicae Pills without Aloes	Pilulæ Antiperiodicæ Sine Aloe, N. F.
Antiperiodic Tincture	Tinctura Antiperiodica, N. F.
Antiperiodic Tincture without Aloes	Tinctura Antiperiodica, sine Aloe, N. F.
Antiperiodic Tincture, with Aloes	Tincture Antiperiodica, N. F.
Antipyrine	Antipyrina, U. S. P.
Antiseptic Solution	Liquor Antisepticus, N. F.
Antiseptic Solution, Alkaline	Liquor Antisepticus Alkalinus, N. F.
Antiseptic Solution of Pepsin	Liquor Pepsini Antisepticus, N. F.
Antitetanic Globulins	Serum Antitetanicum Purificatum, U. S. P.
Antitetanic Serum	Serum Antitetanicum, U. S. P.
Antitetanic Serum, Dried	Serum Antitetanicum Siccum, U. S. P.
Antitetanic Serum, Purified	Serum Antitetanicum Purificatum, U. S. P.
Apiol, Liquid	Oleoresina Petroselini, U. S. P.
Apocynum	Apocynum, N. F.
Apocynum, Fluid Extract of	Fluidextractum Apocyni, U. S. P.
Apomorphine Chloride	Apomorphinæ Hydrochloridum, U. S. P.
Apomorphinum Hydrochloricum	Apomorphinæ Hydrochloridum, U. S. P.
Apomorphine Hydrochloride	Apomorphinæ Hydrochloridum, U. S. P.
Apple Juice, Fresh	Succus Pomorum, N. F.
Apples, Ferrated, Extract of	Extractum Ferri Pomatum, N. F.
Apples, Tincture of Ferrated, Extract of	Tinctura Ferri Pomata, N. F.
Aqua Calcariae	Liquor Calcis, U. S. P.
Aqua Fortis	Acidum Nitricum, U. S. P.
Aqua Phagedaenica Flava	Lotio Flava, N. F.
Aqua Plumbi	Liquor Plumbi Subacetatis Dilutus, U. S. P.
Aqua Regia	Acidum Nitrohydrochloridum, U. S. P.
Aqua Sedativa, N. F. III	Lotio Ammoniacalis Camphora, N. F.
Aqueous Elixir of Glycyrrhiza	Elixir Glycyrrhizæ Aquosum, N. F.
Aqueous Elixir of Licorice	Elixir Glycyrrhizæ Aquosum, N. F.
Aqueous Extract of Ergot	Extractum Ergotæ Aquosum, N. F.
Aqueous Fluidextract of Cinchona	Fluidextractum Cinchonæ Aquosum, N. F.
Aqueous Tincture of Rhubarb	Tinctura Rhei Aquosa, N. F.
Aqua Saturnina	Liquor Plumbi Subacetatis Dilutus, U. S. P.
Aralia	Aralia, N. F.
Aralia Racemosa, Fluidextract of	Fluidextractum Araliæ Racemosæ, N. F.
Arbor Vitae	Thuja, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Argentum Nitricum	Argenti Nitras, U. S. P.
Argentum Nitricum Fusum	Argenti Nitras Fusus, U. S. P.
Aristolum	Thymolis Iodidum, U. S. P.
Arnica	Arnica, U. S. P.
Arnica Flowers	Arnica, U. S. P.
Arnica, Fluidextract of	Fluidextractum Arnicæ, N. F.
Arnica Plaster	Emplastrum Arnicæ, N. F. III.
Arnica Root, Extract of	Extractum Arnicæ Radicis, N. F. III.
Arnica Root, Fluidextract of	Fluidextractum Arnicæ Radicis, N. F. III.
Arnica Root, Tincture of	Tinctura Arnicæ Radicis, N. F. III.
Arnica, Tincture of	Tinctura Arnicæ, U. S. P.
Aromatic Camphor Mixture	Mistura Camphoræ Aromatica, N. F.
Aromatic Castor Oil	Oleum Ricini Aromaticum, N. F.
Aromatic Elixir	Elixir Aromaticum, U. S. P.
Aromatic Elixir of Eriodictyon	Elixir Eriodictyi Aromaticum, N. F.
Aromatic Elixir of Glycyrrhiza	Elixir Glycyrrhizæ Aromaticum, N. F.
Aromatic Elixir of Licorice	Elixir Glycyrrhizæ Aromaticum, N. F.
Aromatic Elixir of Yerba Santa	Elixir Eriodictyi Aromaticum, N. F.
Aromatic Elixir, Red	Elixir Aromaticum Rubrum.
Aromatic Fluidextract	Fluidextractum Aromaticum, U. S. P.
Aromatic Fluidextract of Cascara Sagrada	Fluidextractum Cascaræ Sagradæ Aromaticum, U. S. P.
Aromatic Fluidglycerate of Cascara Sagrada	Fluidglyceratum Cascaræ Sagradæ Aromaticum, N. F.
Aromatic Fluidglycerate of Rhamnus Purshian.	Fluidglyceratum Cascaræ Sagradæ Aromaticum, N. F.
Aromatic Oil Spray	Nebula Aromatica, N. F.
Aromatic Pepsin	Pepsinum Aromaticum, N. F. III.
Aromatic Plaster	Emplastrum Aromaticum, N. F. III.
Aromatic Powder	Pulvis Aromaticus, U. S. P.
Aromatic Powder of Chalk	Pulvis Cretæ Aromaticus, N. F.
Aromatic Powder of Chalk with Opium	Pulvis Cretæ et Opii Aromaticus, N. F.
Aromatic Solution of Pepsin	Liquor Pepsini Aromaticus, N. F.
Aromatic Spirit	Spiritus Aromaticus, N. F. III.
Aromatic Spirit of Ammonia	Spiritus Ammoniæ Aromaticus, U. S. P.
Aromatic Sulphuric Acid	Acidum Sulphuricum Aromaticum, U. S. P.
Aromatic Syrup of Eriodictyon	Syrupus Eriodictyi Aromaticus, N. F.
Aromatic Syrup of Rhubarb	Syrupus Rhei Aromaticus, U. S. P.
Aromatic Syrup of Senna	Syrupus Sennæ Aromaticus, N. F.
Aromatic Syrup of Yerba Santa	Syrupus Eriodictyi Aromaticus, N. F.
Aromatic Tincture	Tinctura Aromatica, N. F.
Aromatic Tincture of Rhubarb	Tinctura Rhei Aromatica, U. S. P.
Aromatic Vinegar	Acetum Aromaticum, N. F.
Aromatic Waters	Aquæ Aromaticæ, U. S. P.
Aromatic Wine of Coca	Vinum Cocæ Aromaticum, N. F. III.
Aromatic Wine of Erythroxylon	Vinum Cocæ Aromaticum, N. F. III.
Aromatized Iodoform	Iodoformum Aromatisatum, N. F.
Arsenate of Iron, Syrup of	Syrupus Ferri Arsenatis, N. F. III.
Arsenicalis Liquor Fowleri, P. I	Liquor Potassii Arsenitis, U. S. P.
Arsenic Antidote	Ferri Hydroxidum cum Magnesii Oxido, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Arsenic Iodide	Arseni Iodidum, U. S. P.
Arsenic Trioxide	Arseni Trioxidum, U. S. P.
Arsenous Acid	Arseni Trioxidum, U. S. P.
Arsenous Acid, Solution of	Liquor Acidi Arsenosi, U. S. P.
Arsenous and Mercuric Iodide, Solution of.	Liquor Arseni et Hydrargyri Iodidi, U. S. P.
Arsenous Iodide	Arseni Iodidum, U. S. P.
Arsenous Oxide	Arseni Trioxidum, U. S. P.
Artificial Carlsbad Salt	Sal Carolinum Factitium, N. F.
Artificial Kissingen Salt	Sal Kissingense Factitium, N. F.
Artificial Vichy Salt	Sal Vichyanum Factitium, N. F.
Asafetida	Asafœtida, U. S. P.
Asafetida, Emulsion of	Emulsum Asafœtidæ, U. S. P.
Asafetida, Pills of	Pilulæ Asafœtidæ, U. S. P.
Asafetida Plaster	Emplastrum Asafœtidæ, N. F. III.
Asafetida, Tincture of	Tinctura Asafœtidæ, U. S. P.
Asa Foetida	Asafœtida, U. S. P.
Asarum	Asarum, N. F.
Asarum, Compound Syrup of	Syrupus Asari Compositus, N. F.
Asclepias	Asclepias, N. F.
Asclepias, Fluidextractum of	Fluidextractum Asclepiadis, N. F.
Aspidium	Aspidium, U. S. P.
Aspidosperma	Aspidosperma, U. S. P.
Aspidosperma, Fluidextract of	Fluidextractum Aspidospermatis, U. S. P.
Astringent and Escharotic Mixture, N. F. III.	Mistura Adstringens, N. F.
Astringent Mixture	Mistura Adstringens, N. F.
Atophan	Acidum Penylcinchonicum, U. S. P.
Atropine	Atropina, U. S. P.
Atropine, Oleate of	Oleatum, Atropinæ, N. F.
Atropine Sulphate	Atropinæ Sulphas, U. S. P.
Atropinum Sulfuricum	Atropinæ Sulphas, U. S. P.
Auro-natrium Chloratum	Auri et Sodii Chloridum, U. S. P.
Axungia Benzoata	Adeps Benzoinatus, U. S. P.
Axungia Porci	Adeps, U. S. P.
Bacca Spinae Cervinae	Rhamnus Catharticus, N. F.
Balm of Gilead Buds	Populi Gemmæ, N. F.
Balsam of Copaiba	Copaiba, U. S. P.
Balsam of Peru	Balsamum Peruvianum, U. S. P.
Balsam of Tolu	Balsamum Tolutanum, U. S. P.
Balsam Poplar Buds	Populi Gemmæ, N. F.
Balsam, Styrax	Styrax, U. S. P.
Balsamum Copaivae	Copaiba, U. S. P.
Balsamum Tranquillans	Oleum Hyoscyami Compositum, N. F.
Baptisia	Baptisia, N. F.
Baptisia, Fluidextract of	Fluidextractum Baptisiæ, N. F.
Barker's Post Partum Pills	Pilulæ Laxativæ Post Partum, N. F.
Basham's Mixture	Liquor Ferri et Ammonii Acetatis, U. S. P.
Basilicon Ointment	Ceratum Resinæ, U. S. P.
Bateman's Pectoral Drops	Tinctura Pectoralis, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Battery Fluid	Liquor Electropœicus, N. F. III.
Bearberry	Uva Ursi, U. S. P.
Beef and Iron, Wine of	Vinum Carnis et Ferri, N. F.
Beef and Wine	Vinum Carnis, N. F.
Beef Extract	Extractum Carnis, N. F.
Beef, Iron, and Cinchona, Wine of	Vinum Carnis, Ferri et Cinchonæ, N. F. III.
Beef, Wine, and Iron	Vinum Carnis et Ferri, N. F.
Beef, Wine, Iron, and Cinchona	Vinum Ferri, Carnis et Cinchonæ, N. F. III.
Beef, Wine of	Vinum Carnis, N. F.
Beeswax	Cera Flava, U. S. P.
Belladonnae Extractum P. I	Extractum Belladonnæ Foliorum, U. S. P.
Belladonnae Folium	Belladonnæ Folia, U. S. P.
Belladonnae Tinctura P. I	Tinctura Belladonnæ Foliorum, U. S. P.
Belladonna Leaves	Belladonnæ Folia, U. S. P.
Belladonna Leaves, Extract of	Extractum Belladonnæ Foliorum, U. S. P.
Belladonna Leaves, Tincture of	Tinctura Belladonnæ Foliorum, U. S. P.
Belladonna Liniment	Linimentum Belladonnæ, U. S. P.
Belladonna Ointment	Unguentum Belladonnæ, U. S. P.
Belladonna Plaster	Emplastrum Belladonnæ, U. S. P.
Belladonna Root	Belladonnæ Radix, U. S. P.
Belladonna Root, Fluidextract of	Fluidextractum Belladonnæ Radicis, U.S.P.
Benne Oil	Oleum Sesami, U. S. P.
Benzaldehyde	Benzaldehydum, U. S. P.
Benzin, Purified Petroleum	Benzinum Purificatum, U. S. P.
Benzoe	Benzoinum, U. S. P.
Benzoic Acid	Acidum Benzoicum, U. S. P.
Benzoin	Benzoinum, U. S. P.
Benzoinated Lard	Adeps Benzoinatus, U. S. P.
Benzoinated Suet	Sevum Benzoinatum, N. F.
Benzoin, Compound Tincture of	Tinctura Benzoini Composita, U. S. P.
Benzoin, Tincture of	Tinctura Benzoini, U. S. P.
Benzosulphinide	Benzosulphinidum, U. S. P.
Berberis	Berberis, N. F.
Berberis, Fluidextract of	Fluidextractum Berberidis, N. F.
Bestucheff's Tincture	Tinctura Ferri Chloridi Ætherea, N. F.
Betaeucaine Hydrochloride	Betaeucaine Hydrochloridum, U. S. P.
Betanaphthol	Betanaphthol, U. S. P.
Betanaphthol Petrox	Petroxolinum Betanaphtholis, N. F.
Betanaphthol Petroxolin	Petroxolinum Betanaphtholis, N. F.
Beth Root	Trillium, N. F.
Biboras Natricus	Sodii Boras, U. S. P.
Bicarbonas Kalicus	Potassii Bicarbonas, U. S. P.
Bicarbonas Natricus Depuratus	Sodii Bicarbonas, U. S. P.
Bichloride of Mercury	Hydrargyri Chloridum Corrosivum, U. S. P.
Bichloride Tablets	Toxitabellæ Hydrargyri Chloridi Corrosivi, U. S. P.
Biniodide of Mercury	Hydrargyri Iodidum Rubrum, U. S. P.
Bismuth Ammonio-Citrate	Bismuthi et Ammonii Citras, U. S. P.
Bismuth and Ammonium Citrate	Bismuthi et Ammonii Citras, U. S. P.
Bismuth Betanaphthol	Bismuthi Betanaphtholas, U. S. P.
Bismuth Citrate	Bismuth Citras, U. S. P. VIII.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Bismuth, Elixir of	Elixir Bismuthi, N. F.
Bismuth, Glycerite of	Glyceritum Bismuthi, N. F.
Bismuth, Hydrated Oxide of	Bismuthi Oxidum Hydratum, N. F. III.
Bismuth Magma	Magma Bismuthi, U. S. P.
Bismuth, Solution of	Liquor Bismuthi, N. F.
Bismuth Subcarbonate	Bismuthi Subcarbonas, U. S. P.
Bismuth Subgallate	Bismuthi Subgallas, U. S. P.
Bismuth Subnitrate	Bismuthi Subnitras, U. S. P.
Bismuth Subsalicylate	Bismuthi Subsalicylas, U. S. P.
Bismutum Subnitricum	Bismuthi Subnitras, U. S. P.
Bismutum Subsalicylicum	Bismuthi Subsalicylas, U. S. P.
Bitartras Kalicus	Potassii Bitartras, U. S. P.
Bitter Almond	Amygdala Amara, U. S. P. VIII.
Bitter Almond Oil	Oleum Amygdalæ Amaræ, U. S. P.
Bitter Almond, Spirit of	Spiritus Amygdalæ Amaræ, U. S. P.
Bitter Almond Water	Aqua Amygdalæ Amaræ, U. S. P.
Bitter Apple	Colocynthis, U. S. P.
Bitterless Fluidextract of Cascara Sagrada.	Fluidextractum Rhamni Purshianæ Alkalinum, N. F. III.
Bitterless Syrup of Quinidine	Syrupus Quinidinæ, N. F.
Bitter Metallic Pills	Pilulæ Ferri, Quininæ, Strychninæ et Arseni Fortiores, N. F.
Bitter Orange, Elixir of	Elixir Aurantii Amari, N. F.
Bitter Orange, Oil of	Oleum Aurantii Amari, N. F.
Bitter Orange Peel	Aurantii Amari, Cortex, U. S. P.
Bitter Orange Peel, Fluidextract of	Fluidextractum Aurantii Amari, U. S. P.
Bitter Orange Peel, Tincture of	Tinctura Aurantii Amari, U. S. P.
Bitter Stomachic Drops	Tinctura Amara, N. F.
Bittersweet	Dulcamara, N. F.
Bittersweet, Fluidextract of	Fluidextractum Dulcamaræ, N. F.
Bitter Tincture	Tinctura Amara, N. F.
Bitter Tincture of Zedoary	Tinctura Zedoariæ Amara, N. F.
Bitter Wine of Iron	Vinum Ferri Amarum, N. F.
Bitter Wood	Quassia, U. S. P.
Blackberries	Rubi Fructus, N. F.
Blackberry Bark	Rubus, N. F.
Blackberry, Compound Elixir of	Elixir Rubi Compositum, N. F.
Blackberry Cordial	Cordiale Rubi Fructus, N. F.
Blackberry Fruit, Syrup of	Syrupus Rubi Fructius, N. F.
Black Cohosh	Cimicifuga, U. S. P.
Black Draught	Infusum Sennæ Compositum, U. S. P.
Black Drop	Acetum Opii, N. F.
Black Haw	Viburnum Prunifolium, U. S. P.
Black Lotion	Lotio Nigra, N. F.
Black Mustard	Sinapis Nigra, U. S. P.
Black Pepper	Piper, U. S. P.
Black Snakeroot	Cimicifuga, U. S. P.
Black Wash	Lotio Nigra, N. F.
Bladderwrack	Fucus, N. F.
Blancard's Pills	Pilulæ Ferri Iodidi, U. S. P.
Blaud's Pills	Pilulæ Ferri Carbonatis, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Bleached Sponge	Spongia Decolorata, N. F. III.
Bleaching Powder	Calx Chlorinata, U. S. P.
Blistering Cerate	Ceratum Cantharidis, U. S. P.
Blistering Collodion	Collodion Cantharidatum, U. S. P.
Blood Root	Sanguinaria, U. S. P.
Blue Cohosh	Caulophyllum, N. F.
Blue Flag	Iris Versicolor, N. F.
Blue Gum Leaves	Eucalyptus, U. S. P.
Blue Mass	Massa Hydrargyri, U. S. P.
Blue Ointment	Unguentum Hydrargyri Dilutum, U. S. P.
Blue Vervain	Verbena, N. F.
Blue Vitriol	Cupri Sulphas, U. S. P.
Boldo	Boldo, N. F.
Boldo, Fluidextract of	Fluidextractum Boldi, N. F.
Boldo Leaves	Boldo, N. F.
Boneset	Eupatorium, N. F.
Boracic Acid	Acidum Boricum, U. S. P.
Borax	Sodii Boras, U. S. P.
Boric Acid	Acidum Boricum, U. S. P.
Boric Acid, Ointment of	Unguentum Acidi Borici, U. S. P.
Boroglyceride	Boroglycerinum, N. F. III.
Boroglycerin	Boroglycerinum, N. F. III.
Boroglycerin, Glycerite of	Glyceritum Boroglycerini, U. S. P.
Boro-Salicylated Powder of Talc	Pulvis Talci Compositus, N. F.
Boulton's Solution	Liquor Iodi Carbolatus, N. F.
Brandy	Spiritus Vini Gallici, U. S. P. VIII.
Brayera	Brayera, N. F.
Brayera, Infusion of	Infusum Brayeræ, N. F.
Breast Tea	Species Pectorales, N. F.
Bromauric Acid	Acidum Bromauricum, N. F.
Brometum Ammonicum	Ammonii Bromidum, U. S. P.
Brometum Kalicum	Potassii Bromidum, U. S. P.
Brometum Natricum	Sodii Bromidum, U. S. P.
Brometum Scopolamicum	Scopolaminæ Hydrobromidum, U. S. P.
Bromide of Iron, Syrup of	Syrupus Ferri Bromidi, N. F. III.
Bromides, Syrup of the	Syrupus Bromidorum, N. F.
Bromine	Bromum, N. F.
Bromine, Solution of	Liquor Bromi, N. F.
Bromoform	Bromoformum, U. S. P.
Bromoformium	Bromoformum, U. S. P.
Broom Tops	Scoparius, N. F.
Brown Mixture	Mistura Glycyrrhizæ Composita, U. S. P.
Brown Mustard	Sinapis Nigra, U. S. P.
Brown Ointment	Unguentum Fuscum, N. F.
Bryonia	Bryonia, N. F.
Bryonia, Tincture of	Tinctura Bryoniæ, N. F.
Bryony	Bryonia, N. F.
Buchu	Buchu, U. S. P.
Buchu and Potassium Acetate, Elixir of	Elixir Buchu et Potassii Acetatis, N. F.
Buchu, Compound Elixir of	Elixir Buchu Compositum, N. F.
Buchu, Compound Fluidextract of	Fluidextractum Buchu Compositum, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Buchu, Elixir of	Elixir Buchu, N. F.
Buchu, Fluidextract of	Fluidextractum Buchu, U. S. P.
Buckthorn Bark	Frangula, U. S. P.
Buckthorn Berries	Rhamnus Catharticus, N. F.
Bulbus, Scillae	Scilla, U. S. P.
Burdock Root	Lappa, N. F.
Burgundy Pitch Plaster	Emplastrum Picis Burgundicæ, N. F. III.
Burnt Sugar Coloring	Caramel, N. F.
Burow's Solution	Liquor Alumini Acetatis, Crudus, N. F.
Butternut Bark	Juglans, N. F.
Butter of Cacao	Oleum Theobromatis, U. S. P.

Cacao Butter	Oleum Theobromatis, U. S. P.
Cactus Grandiflorus	Cactus Grandiflorus, N. F.
Cactus Grandiflorus, Tincture of	Tinctura Cacti Grandiflori, N. F.
Cade Oil	Oleum Cadinum, U. S. P.
Cade Petrox	Petroxolinum Cadini, N. F.
Cade Petroxolin	Petroxolinum Cadini, N. F.
Caffeine	Caffeina, U. S. P.
Caffeine, Citrated	Caffeina Citrata, U. S. P.
Caffeine, Effervescent Citrated	Caffeina Citrata Effervescens, U. S. P.
Caffeine, Elixir of	Elixir Caffeinæ, N. F. III.
Caffeine Sodio-Benzoate	Caffeinæ Sodio-Benzoas, U. S. P.
Caffeine Sodio-Salicylate	Caffeinæ Sodio-Salicylas, N. F.
Cajuput Oil	Oleum Cajuputi, U. S. P.
Calabar Bean	Physostigma, U. S. P.
Calamine Ointment	Unguentum Calaminæ, N. F.
Calamus, Fluidextract of	Fluidextractum Calami, U. S. P. VIII.
Calcaria Chlorata	Calx Chlorinata, U. S. P.
Calcaria Usta	Calx, U. S. P.
Calcined Magnesia	Magnesii Oxidum, U. S. P.
Calcium and Sodium Glycerophosphates, Elixir of.	Elixir Calcii et Sodii Glycerophosphatum, N. F.
Calcium and Sodium Hypophosphites, Syrup of.	Syrupus Calcii and Sodii Hypophosphitum, N. F.
Calcium Bromide	Calcii Bromidium, U. S. P.
Calcium Bromide, Elixir of	Elixir Calcii Bromidi, N. F.
Calcium Carbonicum, Praecipitatum	Calcii Carbonas Præcipitatus, U. S. P.
Calcium Chloride	Calcii Chloridum, U. S. P.
Calcium Glycerophosphate	Calcii Glycerophosphas, U. S. P.
Calcium Hydrochlorophosphate, Syrup of.	Syrupus Calcii Hydrochlorphosphatis, N. F.
Calcium Hydroxide, Solution of	Liquor Calcis, U. S. P.
Calcium Hydroxide, Syrup of	Syrupus Calcis, U. S. P. VIII.
Calcium Hypophosphite	Calcii Hypophosphis, U. S. P.
Calcium Hypophosphite, Elixir of	Elixir Calcii Hypophosphitis, N. F.
Calcium Hypophosphite, Syrup of	Syrupus Calcii Hypophosphitis, N. F.
Calcium Hypophosphorosum	Calcii Hypophosphis, U. S. P.
Calcium Iodide, Syrup of	Syrupus Calcii Iodidi, N. F.
Calcium Lactate	Calcii Lactas, U. S. P.
Calcium Lactophosphate	Calcii Lactophosphas, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Calcium Lactophosphate, Elixir of	Elixir Calcii Lactophosphatis, N. F.
Calcium Lactophosphate, Syrup of	Syrupus Calcii Lactophosphatis, U. S. P.
Calcium Lactophosphate and Iron, Syrup of.	Syrupus Calcii Lactophosphatis et Ferri, N. F.
Calcium Oxide	Calx, U. S. P.
Calcium Phosphate, Precipitated	Calcii Phosphas Præcipitatus, N. F.
Calcium Phosphoricum	Calcii Phosphas Præcipitatus, N. F.
Calcium Sulphate, Exsiccated	Calcii Sulphas Exsiccatus, U. S. P. VIII.
Calcium Sulphide, Crude	Calcii Sulphidum crudum, U. S. P.
Calendula	Calendula, N. F.
Calendula, Fluidextract of	Fluidextractum Calendulæ, N. F.
Calendula, Tincture of	Tinctura Calendulæ, N. F.
Calisaya Bark	Cinchona, U. S. P.
Calomel	Hydrargyri Chloridum Mite, U. S. P.
Calomel and Jalap	Pulvis Hydrargyri Chloridi Mitis et Jalapæ, N. F.
Calumba	Calumba, U. S. P.
Calumba, Fluidextract of	Fluidextractum Calumbæ, N. F.
Calumba, Tincture of	Tinctura Calumbæ, U. S. P.
Calx Chlorata	Calx Chlorinata, U. S. P.
Calx Sulphurata, U. S. P. VIII	Calcii Sulphidum Crudum, U. S. P.
Camellia, Fluidextract of	Fluidextractum Camelliæ, N. F. III.
Camphor	Camphora, U. S. P.
Camphor and Chloroform Petrox	Petroxolinum Chloroformi Camphoratum, N. F.
Camphor and Menthol	Menthol Camphoratum, N. F.
Camphorated Brown Plaster	Emplastrum Fuscum Camphoratum, N. F.
Camphorated Chloral	Chloral Camphoratum, N. F.
Camphorated Chloroform Petroxolin	Petroxolinum Chloroformi Camphoratum, N. F.
Camphorated Menthol	Menthol Camphoratum, N. F.
Camphorated Mother Plaster	Emplastrum Fuscum Camphoratum, N. F.
Camphorated Oil	Linimentum Camphoræ, U. S. P.
Camphorated Phenol Petrox	Petroxolinum Phenolis Camphoratum, N. F.
Camphorated Phenol Petroxolin	Petroxolinum Phenolis Camphoratum, N. F.
Camphorated Soap Liniment	Linimentum Saponato-Camphoratum, N. F.
Camphorated Tincture of Opium	Tinctura Opii Camphorata, U. S. P.
Camphor Cerate	Ceratum Camphoræ, N. F.
Camphor Cerate, Compound	Ceratum Camphoræ Compositum, N. F. III.
Camphor Ice	Ceratum Camphoræ Compositum, N. F. III.
Camphor Liniment	Linimentum Camphoræ, U. S. P.
Camphor Menthol, N. F. III	Menthol Camphoratum, N. F.
Camphor Mixture, Acid	Mistura Camphoræ Acida, N. F.
Camphor Mixture, Aromatic	Mistura Camphoræ Aromatica, N. F.
Camphor, Monobromated	Camphora Monobromata, U. S. P.
Camphor Ointment	Unguentum Camphoræ, N. F.
Camphor Wash, Ammoniated	Lotio Ammoniacalis Camphora, N. F.
Camphor Water	Aqua Camphoræ, U. S. P.
Canada Liniment	Linimentum Opii Compositum, N. F.
Canada Pitch Plaster	Emplastrum Picis Canadensis, N. F. III.
Canada Turpentine	Terebinthina Canadensis, U. S. P. VIII.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Canadian Hemp	Apocynum, N. F.
Canadian Snake-Root	Asarum, N. F.
Canella	Canella, N. F.
Cannabis	Cannabis, U. S. P.
Cannabis, Extract of	Extractum Cannabis, U. S. P.
Cannabis, Fluidextract of	Fluidextractum Cannabis, U. S. P.
Cannabis Indica	Cannabis, U. S. P.
Cannabis, Tincture of	Tinctura Cannabis, U. S. P.
Cantharidal Collodion	Collodium Cantharidatum, U. S. P.
Cantharidal Pitch Plaster	Emplastrum Picis Cantharidatum, N. F. III.
Cantharides	Cantharis, U. S. P.
Cantharides Cerate	Ceratum Cantharidis, U. S. P.
Cantharides, Cerate of Extract of	Ceratum Extracti Cantharidis, N. F. III.
Cantharides Liniment	Linimentum Cantharidis, N. F. III.
Cantharides Paper	Charta Cantharidis, N. F. III.
Cantharides Plaster	Emplastrum Cantharidis, U. S. P.
Cantharides, Tincture of	Tinctura Cantharidis, U. S. P.
Cantharidis Tinctura, P. I	Tinctura Cantharidis, U. S. P.
Cape Aloes	Aloes, U. S. P.
Capsicum	Capsicum, U. S. P.
Capsicum and Myrrh, Tincture of	Tinctura Capsici et Myrrhæ, N. F.
Capsicum, Fluidextract of	Fluidextractum Capsici, U. S. P. VIII.
Capsicum, Oleoresin of	Oleoresina Capsici, U. S. P.
Capsicum Plaster	Emplastrum Capsici, U. S. P.
Capsicum, Tincture of	Tinctura Capsici, U. S. P.
Caramel	Caramel, N. F.
Caramel, Tincture of	Tinctura Caramellis, N. F.
Caraway	Carum, U. S. P.
Caraway Oil	Oleum Cari, U. S. P.
Carawayseed	Carum, U. S. P.
Carbolic Acid	Phenol, U. S. P.
Carbolic Acid, Iodized	Phenolum Iodatum, N. F.
Carbolic Acid Water	Aqua Phenolata, N. F.
Carbolized Oil	Oleum Phenolatum, N. F.
Carbolized Solution of Iodine	Liquor Iodi Phenolatus, N. F.
Carbo Ligni Pulveratus	Carbo Ligni, U. S. P.
Carbonas Calcicus Præcipitatus	Calcii Carbonas Præcipitatus, U. S. P.
Carbonas Kalicus	Potassii Carbonas, U. S. P.
Carbonas Lithicus	Lithii Carbonas, U. S. P.
Carbonas Natricus	Sodii Carbonas Monohydratus, U. S. P.
Carbon Disulphide	Carbonei Disulphidum, U. S. P. VIII.
Cardamom, Compound Elixir of	Elixir Cardamomi Compositus, N. F.
Cardamom, Compound Spirit of	Spiritus Cardamomi Compositus, N. F.
Cardamom, Compound Tincture of	Tinctura Cardamomi Composita, U. S. P.
Cardamom Seed	Cardamomi Lemen, U. S. P.
Cardamom, Tincture of	Tinctura Cardamomi, U. S. P.
Carlsbad Salt, Artificial	Sal Carolinum Factitium, N. F.
Carlsbad Salt, Effervescent Artificial	Sal Carolini Factitii Effervescens, N. F.
Carminative Mixture	Mistura Carminativa, N. F.
Carmine	Carminum, N. F.
Carmine, Solution of	Liquor Carmini, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Carrageen	Chondrus, U. S. P.
Carron Oil	Linimentum Calcis, U. S. P.
Caryophylli	Caryophyllus, U. S. P.
Cascara Sagrada	Cascara Sagrada, U. S. P.
Cascara Sagrada, Aromatic Fluidextract of.	Fluidextractum Casscaræ Sagradæ Aromaticum, U. S. P.
Cascara Sagrada, Aromatic Fluid-glycerate of.	Fluidglyceratum Cascaræ Aromaticum, N. F.
Cascara Sagrada, Compound Elixir of	Elixir Cascaræ Sagradæ Compositum, N. F.
Cascara Sagrada, Elixir of	Elixir Cascaræ Sagradæ, N. F.
Cascara Sagrada, Extract of	Extractum Cascaræ Sagradæ U. S. P.
Cascara Segrada, Fluidextract of	Fluidextractum Cascaræ Sagradæ, U. S. P.
Cascara Sagrada, Fluidglycerate of	Fluidglyceratum Cascaræ Sagradæ, N. F.
Cascarilla	Cascarilla, N. F.
Cassia Fistula	Cassia Fistula, N. F.
Cassia Oil	Oleum Cassiæ, U. S. P.
Castanea	Castanea, N. F.
Castor Oil	Oleum Ricini, U. S. P.
Castor Oil, Aromatic	Oleum Ricini Aromaticum, N. F.
Castor Oil, Emulsion of	Emulsum Olei Ricini, N. F.
Cataplasm of Kaolin	Cataplasma Kaolini, N. F.
Cataria	Cataria, N. F.
Cataria, Fluidextract of	Fluidextractum Catariæ, N. F.
Catarrh Powder	Pulvis Anticatarrhalis, N. F. III.
Catarrh Snuff	Pulvis Anticatarrhalis, N. F. III.
Catechu, Compound Tincture of Pale	Tinctura Gambir Composita, U. S. P.
Cathartic Pills, Compound	Pilulæ Catharticæ Compositæ, U. S. P.
Catmint	Cataria, N. F.
Catnep	Cataria, N. F.
Catnep, Fluidextract of	Fluidextractum Catariæ, N. F.
Caulophyllum	Caulophyllum, N. F.
Caulophyllum, Fluidextract of	Fluidextractum Caulophylli, N. F.
Caustic Potash	Potassii Hydroxidum, U. S. P.
Caustic Solution of Iodine	Liquor Iodi Causticus, N. F. III
Cayenne Pepper	Capsicum, U. S. P.
Celery, Compound Elixir of	Elixir Apii Graveolentis Compositum, N. F. III.
Celery Fruit	Apii Fructus, N. F.
Celery Seed	Apii Fructus, N. F.
Celery Seed, Fluidextract of	Fluidextractum Apii Graveolentis, N. F.
Centaury	Centaurium, N. F.
Cerate	Ceratum, U. S. P.
Cerate, Cantharides	Ceratum Cantharidis, U. S. P.
Cerate of Extract of Cantharides	Ceratum Extracti Cantharidis, N. F. III.
Cerate of Lead Subacetate	Ceratum Plumbi Subacetatis, N. F.
Cerate, Rosin	Ceratum Resinæ, U. S. P.
Cerate, Rosin Compound	Ceratum Resinæ Compositum, N. F.
Cerate, Savine	Ceratum Sabinæ, N. F. III.
Cerate, Spermaceti	Ceratum Cetacei, N. F.
Cerium Oxalate	Cerii Oxalas, U. S. P.
Cetraria, Decoction of	Decotum Cetrariæ, N. F. III.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Ceylon Cinnamon	Cinnamomum Zeylancicum, U. S. P.
Chalk, Aromatic Powder of	Pulvis Cretæ Aromaticus, N. F.
Chalk Mixture	Mistura Cretæ, U. S. P.
Chalk, Powder, Compound	Pulvis Cretæ Compositus, U. S.P.
Chalk, Prepared	Creta Praeparata, U. S. P.
Chalk, Troches of	Trochisci Cretæ, N. F. III.
Chalk with Opium, Aromatic Powder of	Pulvis Cretæ Aromaticus et Opii, N. F.
Chalybeate Pills	Pilulæ Ferri Carbonatis, U. S. P.
Chamomile, German	Matricaria, U. S. P.
Channing's Solution	Liquor Hydrargyri et Potassii Iodidi, N. F.
Chapman's Dinner Pill	Pilulæ Ad Prandium, N. F.
Chapman's Mixture	Mistura Copaibæ et Opii, N. F.
Charcoal	Carbo Ligni, U. S. P.
Charcoal, Animal	Carbo Animalis, U. S. P. VIII.
Charcoal, Purofied Animal	Carbo Animalis Purificatus, U. S. P. VIII.
Charcoal, Troches of	Trochisci Carbonis Ligni, N. F.
Charta Sinapis, U. S. P. VIII	Emplastrum Sinapis, U. S. P.
Chemical Food	Syrupus Phosphatum Compositus, N. F.
Chenopodium, Oil of	Oleum Chenopodii, U. S. P.
Chestnut Leaves	Castanea, N. F.
Chestnut Leaves, Fluidextract of	Fluidextractum Castaneæ, N. F.
Chimaphila	Chimaphila, N. F.
Chimaphila, Fluidextract of	Fluidextractum Chimaphilæ, N. F.
Chininum Bisulfuricum	Quininae Bisulphas, U. S. P.
Chininum Ferro-citricum	Ferri et Quininæ Citras, U. S. P.
Chininum Hydrobromicum	Quininæ Hydrobromidum, U. S. P.
Chininum Hydrochloricum	Quininæ Hydrochloridum, U. S. P.
Chininum Salicylicum	Quininae Salicylas, U. S. P.
Chininum Sulfuricum	Quininæ Sulphas, U. S. P.
Chininum Tannicum	Quininæ Tannas, U. S. P.
Chionanthus	Chionanthus, N. F.
Chionanthus, Fluidextract of	Fluidextractum Chionanthi, N. F.
Chirata	Chirata, N. F.
Chirata, Fluidextract of	Fluidextractum Chiratæ, N. F.
Chirata, Tincture of	Tinctura Chiratæ, N. F. III.
Chloral	Chloral Hydratum, U. S. P.
Chloral and Bromide Compound	Mistura Chloralis et Potassii Bromidi Composita, N. F.
Chloral and Bromide, Compound Mixture of.	Mistura Chloralis et Potassii Bromidi Composita, N. F.
Chloral, Camphorated	Chloral Camphoratum, N. F.
Chloralformamide	Chloralformamidum, U. S. P. VIII.
Chloral Hydrate	Chloralum Hydratum, U. S. P.
Chloral, Hydrated	Chloralum Hydratum, U. S. P.
Chloras Kalicus	Potassii Chloras, U. S. P.
Chloretum Amido-Hydrargyricum	Hydrargyrum Ammoniatum, U. S. P.
Chloretum Ammonicum	Ammonii Chloridum, U. S. P.
Chloretum Apomorphicum	Apomorphinæ Hydrochloridum, U. S. P.
Chloretum Chinicum	Quininæ Hydrochloridum, U. S. P.
Chloretum Cocainum	Cocainæ Hydrochloridum, U. S. P.
Chloretum Ferricum	Ferri Chloridum, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Chloretum Hydrargyricum Corrosivum	Hydrargyri Chloridum Corrosivum, U. S. P.
Chloretum Hydrastinicum	Hydrastininæ Hydrochloridum, U. S. P.
Chloretum Morphicum	Morphinæ Hydrochloridum, U. S. P.
Chloretum Natricum	Sodii Chloridum, U. S. P.
Chloretum Pilocarpicum	Pilocarpinæ Hydrochloridum, U. S. P.
Chloretum Zincicum	Zinci Chloridum, U. S. P.
Chloride of Lime	Calx Chlorinata, U. S. P.
Chlorinated Lime	Calx Chlorinata, U. S. P.
Chlorinated Potassa, Solution of	Liquor Potassæ Chlorinatæ, N. F.
Chlorinated Soda, Solution of	Liquor Sodæ Chlorinatæ, U. S. P.
Chlorine, Compound Solution of	Liquor Chlori Compositus, N. F.
Chloroform	Chloroformum, U. S. P.
Chloroform and Morphine, Compound Mixture of.	Mistura Chloroformi et Morphinæ Composita, N. F.
Chloroform Anodyne	Mistura Chloroformi et Morphinæ Composita, N. F.
Chloroform, Compound Elixir of	Elixir Chloroformi Compositum, N. F. III.
Chloroformium	Chloroformum, U. S. P.
Chloroform Liniment	Linimentum Chloroformi, U. S. P.
Chloroform, Spirit of	Spiritus Chloroformi, U. S. P.
Chloroform Water	Aqua Chloroformi, U. S. P.
Cholera Mixture	Mistura contra Diarrhœam, N. F. III.
Chondrus	Chondrus, U. S. P.
Chondrus, Compound Syrup of	Syrupus Chondri Compositus, N. F. III.
Chondrus Gelatin	Gelatinum Chondri, N. F.
Chondrus, Mucilage of	Mucilago Chondri, N. F.
Chromic Acid	Chromii Trioxidum, U. S. P.
Chromic Anhydride	Chromii Trioxidum, U. S. P.
Chromium Trioxide	Chromii Trioxidum, U. S. P.
Chrysarobin	Chrysarobinum, U. S. P.
Chrysarobin Ointment	Unguentum Chrysarobini, U. S. P.
Churchill's Iodine Caustic	Liquor Iodi Causticus, N. F. III.
Churchill's Tincture of Iodine	Tinctura Iodi Fortior, N. F.
Cimicifuga	Cimicifuga, U. S. P.
Cimicifuga, Compound Syrup of	Syrupus Cimicifugæ Compositus, N. F.
Cimicifuga, Extract of	Extractum Cimicifugæ, U. S. P.
Cimicifuga, Fluidextract of	Fluidextractum Cimicifugæ, U. S. P.
Cimicifuga, Tincture of	Tinctura Cimicifugæ, N. F.
Cinchona	Cinchona, U. S. P.
Cinchona Alkaloids and Hypophosphites, Elixir of.	Elixir Cinchonæ Alkaloidorum et Hypophosphitum, N. F.
Cinchona Alkaloids and Iron, Elixir of	Elixir Cinchonæ Alkaloidorum et Ferri N. F.
Cinchona Alkaloids, Elixir of	Elixir Cinchonæ Alkaloidorum, N. F.
Cinchona Alkaloids, Iron and Bismuth, Elixir of.	Elixir Cinchonæ Alkaloidorum, Ferri et Bismuthi, N. F.
Cinchona Alkaloids, Iron and Calcium Lactophosphate, Elixir of.	Elixir Cinchonæ Alkaloidorum, Ferri et Calcii Lactophosphatis, N. F.
Cinchona Alkaloids, Iron and Pepsin, Elixir of.	Elixir Cinchonæ Alkaloidorum Ferri et Pepsini, N. F.
Cinchona Alkaloids, Iron and Strychnine, Elixir of.	Elixir Cinchonæ Alkaloidorum et Strychninæ, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Cinchona Alkaloids, Iron, Bismuth, and Strychnine, Elixir of.	Elixir Cinchonæ Alkaloidorum Ferri Bismuthi et Strychninæ, N. F.
Cinchona Aqueous Fluidextract of	Fluidextractum Cinchonæ Aquosum, N. F.
Cinchona, Compound Tincture of	Tinctura Cinchonæ Composita, U. S. P.
Cinchona, Detannated Tincture of	Tinctura Cinchonæ Detannata, N. F. III.
Cinchona, Extract of	Extractum Cinchonæ, N. F.
Cinchona, Fluidextract of	Fluidextractum Cinchonæ, U. S. P.
Cinchona, Infusion of	Infusum Cinchonæ, N. F.
Cinchona, Pepsin, and Strychnine, Elixir of.	Elixir Cinchonæ, Pepsini et Strychninæ, N. F. III.
Cinchona, Red	Cinchona Rubra, U. S. P.
Cinchona, Tincture of	Tinctura Cinchonæ, U. S. P.
Cinchonidine Sulphate	Cinchonidinæ Sulphas, U. S. P.
Cinchonine Sulphate	Cinchoninæ Sulphas, U. S. P.
Cineol	Eucalyptol, U. S. P.
Cinnamic Aldehyde	Cinnaldehydum, U. S. P. VIII.
Cinnamon, Ceylon	Cinnamomum Zeylanicum, U. S. P.
Cinnamon, Oil of	Oleum Cassiæ, U. S. P.
Cinnamon, Saigon	Cinnamomum Saigonicum, U. S. P.
Cinnamon, Spirit of	Spiritus Cinnamomi, U. S. P.
Cinnamon, Syrup of	Syrupus Cinnamomi, N. F.
Cinnamon, Tincture of	Tinctura Cinnamomi, U. S. P.
Cinnamon Water	Aqua Cinnamomi, U. S. P.
Citras Ferrico-Ammonicus	Ferri et Ammonii Citras, U. S. P.
Citras Ferricus cum Chinino	Ferri et Quininæ Citras, U. S. P.
Citras Natricus	Sodii Citras, U. S. P.
Citrated Caffeine	Caffeina Citrata, U. S. P.
Citrate of Iron and Quinine, Effervescent Powder.	Pulvis Ferri et Quininæ Citratis Effervescens, N. F. III.
Citric Acid	Acidum Citricum, U. S. P.
Citric Acid, Saccharated	Acidum Citricum Saccharatum, N. F. III.
Citric Acid, Syrup of	Syrupus Acidi Citrici, U. S. P.
Citrine Ointment	Unguentum Hydrargyri Nitratis, U. S. P.
Citro-Iodide of Iron, Syrup of	Syrupus Ferri Citro-Iodidi, N. F. III.
Clarified Honey	Mel Depuratum, U. S. P.
Clemens' Solution of Arsenic	Liquor Arsenicalis, Clemens', N. F.
Clove Oil	Oleum Caryophylli, U. S. P.
Cloves	Caryophyllus, U. S. P.
Clutterbuck's Elaterin	Elaterinum, U. S. P.
Coal Tar	Pix Lithanthracis, N. F.
Coal Tar Solution	Liquor Picis Carbonis, N. F.
Coca	Coca, U. S. P. VIII.
Coca and Guarana, Elixir of	Elixir Cocæ et Guaranæ, N. F. III.
Coca, Elixir of	Elixir Cocæ, N. F. III.
Coca, Fluidextract of	Fluidextractum Cocæ, U. S. P. VIII.
Cocaine	Cocaina, U. S. P.
Cocaine Chloride	Cocainæ Hydrochloridum, U. S. P.
Cocaine Hydrochloride	Cocainæ Hydrochloridum, U. S. P.
Cocaine, Oleate of	Oleatum Cocainæ, N. F.
Cocaine Pencil	Stilus Cocainæ Dilubilis, N. F. III.
Cocainum Hydrochloricum, P. I	Cocainæ Hydrochloridum, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Coca, Wine of	Vinum Cocæ, U. S. P. VIII.
Coccionella	Coccus, U. S. P.
Cocculus Indicus	Cocculus Indicus, N. F.
Cocculus Indicus, Tincture of	Tinctura Cocculi Indici, N. F.
Cochia Pills	Pilulæ Colocynthidis Compositæ, N. F.
Cochineal	Coccus, U. S. P.
Cochineal Color	Liquor Cocci, N. F.
Cocillana	Cocillana, N. F.
Cocillana, Fluidextract of	Fluidextractum Cocillanæ, N. F.
Cocoa	Cacao Præparata, N. F.
Codeine	Codeina, U. S. P.
Codeine Phosphate	Codeinæ Phosphas, U. S. P.
Codeine Sulphate	Codeinæ Sulphas, U. S. P.
Codeine, Syrup of	Syrupus Codeinæ, N. F.
Codeinum	Codeina, U. S. P.
Codeinum Phosphoricum	Codeinæ Phosphas, U. S. P.
Cod Liver Oil	Oleum Morrhuæ, U. S. P.
Cod Liver Oil, Emulsion of	Emulsum Olei Morrhuæ, U. S. P.
Cod Liver Oil with Calcium and Sodium Phosphates, Emulsion of.	Emulsum Olei Morrhuæ cum Calcii et Sodii Phosphatibus, N. F. III.
Cod Liver Oil with Calcium Lactophosphate, Emulsion of.	Emulsum Olei Morrhuæ cum Calcii Lactophosphate, N. F.
Cod Liver Oil with Calcium Phosphate, Emulsion of.	Emulsum Olei Morrhuæ cum Calcii Phosphate, N. F.
Cod Liver Oil with Egg, Emulsion of	Emulsum Olei Morrhuæ cum Vitello, N. F.
Cod Liver Oil with Extract of Malt, Emulsion of.	Emulsum Olei Morrhuæ cum Malto, N. F.
Cod Liver Oil with Hypophosphites, Emulsion of.	Emulsum Olei Morrhuæ cum Hypophosphitibus, N. F.
Cod Liver Oil with Wild Cherry, Emulsion of.	Emulsion Olei Morrhuæ cum Pruno Virginiana, N. F.
Coffee	Coffea Tosta, N. F.
Coffee, Fluidextract of	Fluidextractum Coffeæ, N. F.
Coffee, Syrup of	Syrupus Coffeæ, N. F. III.
Coffeinum	Caffeina, U. S. P.
Coffeinum Citricum	Caffeina Citrata, U. S. P.
Cola	Kola, N. F.
Colchicine	Colchicina, U. S. P.
Colchici Tinctura P. I	Tinctura Colchici Seminis, U. S. P.
Colchicum Corm	Colchici Cormus, U. S. P.
Colchicum Corm, Extract of	Extractum Colchici Cormi, U. S. P.
Colchicum Corm, Fluidextract of	Fluidextractum Colchicum Cormi, N. F.
Colchicum Corm, Wine of	Vinum Colchici Cormi, N. F.
Colchicum Root	Colchici Cormus, U. S. P.
Colchicum Seed	Colchici Semen, U. S. P.
Colchicum Seed, Fluidextract of	Fluidextractum Colchici Semenis, U. S. P.
Colchicum Seed, Tincture of	Tinctura Colchici Seminis, U. S. P.
Colchicum Seed, Wine of	Vinum Colchici Seminis, N. F.
Cole's Dinner Pill	Pilulæ Ad Prandium, N. F.
Collodion	Collodium, U. S. P.
Collodion, Cantharidal	Collodium Cantharidatum, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Collodion, Compound Salicylic	Collodium Salicylici Compositum, N. F.
Collodion, Croton Oil	Collodium Tiglii, N. F.
Collodion, Elastic	Collodium Flexile, U. S. P.
Collodion, Flexible	Collodium Flexile, U. S. P.
Collodion, Iodine	Collodium, Iodi, N. F.
Collodion, Iodoform	Collodium Iodoformi, N. F.
Collodion, Styptic	Collodium, Stypticum, N. F.
Collodion, Vesicans	Collodium Cantharidatum, U. S. P.
Colocynth	Colcocynthis Pulpa, U. S. P.
Colocynth and Hyoscyamus, Pills of	Pilulæ Colocynthidis et Hyoscyami, N. F.
Colocynth and Podophyllum, Pills of	Pilulæ Colocynthidis et Podophylli, N. F.
Colocynth Apple	Colocynthis, U. S. P.
Colocynth, Compound Extract of	Extractum Colocynthidis Compositum, U. S. P.
Colocynth, Compound Pills of	Pilulæ Colocynthidis Compositæ, N. F.
Colocynth, Extract of	Extractum Colocynthidis, U. S. P.
Colocynth Pulpa	Colocynthis, U. S. P.
Colombo	Calumba, U. S. P.
Colophonium	Resina, U. S. P.
Colophony	Resina, U. S. P.
Colorless Hydrastine Solution	Liquor Hydrastinæ Compositus, N. F.
Coltsfoot	Farfara, N. F.
Coltsfoot Leaves	Farfara, N. F.
Columba	Calumba, U. S. P.
Columbo	Calumba, U. S. P.
Commercial Extract of Glycyrrhiza	Extractum Glycyrrhizæ, U. S. P.
Composition Powder	Pulvis Myricæ Compositus, N. F.
Compound Acetanilid Powder	Pulvis Acetanilidi Compositus, N. F.
Compound Anise Powder	Pulvis Rhei et Magnesiæ Anisatus, N. F.
Compound Camphor Cerate	Ceratum Camphoræ Compositum, N. F. III.
Compound Cathartic Elixir	Elixir Catharticum Compositum, N. F.
Compound Cathartic Pills	Pilulæ Catharticæ Compositæ, U. S. P.
Compound Chalk Powder	Pulvis Cretæ Compositus, U. S. P.
Compound Croton Oil Liniment	Linimentum Tiglii Compositum, N. F.
Compound Digestive Elixir	Elixir Digestivum Compositum, N. F. III.
Compound Decoction of Aloes	Decoctum Aloes Compositum, N. F. III.
Compound Decoction of Sarsaparilla	Decoctum Sarsaparillæ Compositum, N. F.
Compound Effervescent Salt of Potassium Bromide.	Sal Potassii Bromidi Effervescens Compositus, N. F.
Compound Effervescing Powder	Pulvis Effervescens Compositus, U. S. P.
Compound Elixir of Almond	Elixir Amygdalæ Compositum, N. F.
Compound Elixir of Blackberry	Elixir Rubi Compositum, N. F.
Compound Elixir of Buchu	Elixir Buchu Compositum, N. F.
Compound Elixir of Cardamom	Elixir Cardamomi Compositum, N. F.
Compound Elixir of Cascara Sagrada	Elixir Cascaræ Sagradæ Compositum, N. F.
Compound Elixir of Celery	Elixir Apii Graveolentis Compositum, N. F. III.
Compound Elixir of Chloroform	Elixir Chloroformi Compositum, N. F. III.
Compound Elixir of Corydalis	Elixir Corydalis Compositum, N. F.
Compound Elixir of Formates	Elixir Formatum Compositum, N. F.
Compound Elixir of Glycerophosphates	Elixir Glycerophosphatum Compositum, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Compound Elixir of Orange	Vinum Aurantii Compositum, N. F.
Compound Elixir of Pepsin and Rennin	Elixir Pepsini et Rennini Compositum, N. F.
Compound Elixir of Quinine	Elixir Cinchonæ Alkaloidorum, N. F.
Compound Elixir of Quinine and Phosphates.	Elixir Quininæ et Phosphatum Compositum, N. F. III.
Compound Elixir of Sodium Salicylate	Elixir Sodii Salicylatis Compositus, N. F.
Compound Elixir of Stillingia	Elixir Stillingiæ Compositum, N. F. III.
Compound Elixir of Tar	Elixir Picis Compositum, N. F. III.
Compound Elixir of Taraxacum	Elixir Taraxaci Compositum, N. F.
Compound Elixir of Vanillin	Elixir Vanillini Compositum, N. F.
Compound Elixir of Viburnum Opulus	Elixir Viburni Opuli Compositum, N. F.
Compound Extract of Colocynth	Extractum Colocynthidis Compositum, U. S. P.
Compound Fluidextract of Buchu	Fluidextractum Buchu Compositum, N. F.
Compound Fluid Extract of Sarsaparilla	Fluidextractum Sarsaparillæ Compositum, U. S. P.
Compound Fluidextract of Stillingia	Fluidextractum Stillingiæ Compositum, N. F.
Compound Gargle of Guaiac	Gargarisma Guaiaci Composita, N. F.
Compound Infusion of Gentian	Infusum Gentianæ Compositum, N. F.
Compound Infusion of Gentian, Stronger	Infusum Gentianæ Compositum Fortius, N. F. III.
Compound Infusion of Rose	Infusum Rosæ Compositum, N. F.
Compound Infusion of Senna	Infusum Sennæ Compositum, U. S. P.
Compound Iron Mixture	Mistura Ferri Composita, N. F.
Compound Laxative Pills	Pilulæ Laxativæ Compositæ, N. F.
Compound Licorice Powder	Pulvis Glycyrrhizæ Compositus, U. S. P.
Compound Liniment of Mustard	Linimentum Sinapis Compositum, N. F.
Compound Liniment of Opium	Linimentum Opii Compositum, N. F.
Compound Liniment of Soft Soap	Linimentum Saponis Mollis Compositum, N. F.
Compound Menthol Inunction	Inunctum Mentholis Compositum, N. F.
Compound Menthol Spray	Nebula Mentholis Composita, N. F.
Compound Mixture of Chloral and Bromide.	Mistura Chlorali et Potassii Bromidi Composita, N. F.
Compound Mixture of Chloroform and Cannabis Indica.	Mistura Chloroformi et Morphinæ Composita, N. F.
Compound Mixture of Chloroform and Morphine.	Mistura Chloroformi et Morphinæ Composita, N. F.
Compound Mixture of Glycyrrhiza	Mistura Glycyrrhizæ Composita, U. S. P.
Compound Mixture of Iron	Mistura Ferri Composita, N. F.
Compound Mixture of Opium and Chloroform.	Mistura Opii et Chloroformi Composita, N. F.
Compound Mixture of Opium and Rhubarb.	Mistura Opii et Rhei Composita, N. F.
Compound Mixture of Rhubarb	Mistura Rhei Composita, N. F.
Compound Oil of Hyoscyamus	Oleum Hyoscyami Compositum, N. F.
Compound Pancreatic Powder	Pulvis Pancreatini Compositus, N. F.
Compound Pills of Aloes, Mercury, and Scammony.	Pilulæ Aloes Hydrargyri et Scammonii Compositæ, N. F.
Compound Pills of Aloes and Podophyllum.	Pilulæ Aloes et Podophylli Compositæ, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Compound Pills of Aloin	Pilulæ Aloini Compositæ, N. F.
Compound Pills of Aloin, Strychnine, and Belladonna.	Pilulæ Aloini, Strychninæ, et Belladonnæ Composita, N. F.
Compound Pills of Antimony	Pilulæ Antimonii Compositæ, N. F.
Compound Pills of Colocynth	Pilulæ Colocynthidis Compositæ, N. F.
Compound Pills of Galbanum	Pilulæ Galbani Compositæ, N. F. III.
Compound Pills of Iron	Pilulæ Ferri Compositæ, N. F. III.
Compound Pills of Rhubarb	Pilulæ Rhei Compositæ, U. S. P.
Compound Powder of Acacia	Pulvis Acaciæ Compositus, N. F. III.
Compound Powder of Almond	Pulvis Amygdalæ Compositus, N. F. III.
Compound Powder of Bayberry	Pulvis Myricæ Compositus, N. F.
Compound Powder of Gambir	Pulvis Gambir Compositus, N. F.
Compound Powder of Glycyrrhiza	Pulvis Glycyrrhizæ Compositus, U. S. P.
Compound Powder of Iodoform	Pulvis Iodoformi Compositus, N. F. III.
Compound Powder of Ipecac	Pulvis Ipecacuanhæ et Opii, U. S. P.
Compound Powder of Jalap	Pulvis Jalapæ Compositus, U. S. P.
Compound Powder of Kino and Opium	Pulvis Kino et Opii Compositus, N. F.
Compound Powder of Morphine	Pulvis Morphinæ Compositus, U. S. P. VIII.
Compound Powder of Pepsin	Pulvis Pepsini Compositus, N. F.
Compound Powder of Rhubarb	Pulvis Rhei Compositus, U. S. P.
Compound Powder of Talc	Pulvis Talci Compositus, N. F.
Compound Resorcin Ointment	Unguentum Resorcinolis Compositum, N. F.
Compound Resorcinol Ointment	Unguentum Resorcinolis Compositum, N. F.
Compound Rosin Cerate	Ceratum Resinæ Compositum, N. F.
Compound Salicylated Collodion	Collodium Salicylici Compositum, N. F.
Compound Solution of Chlorine	Liquor Chlori Compositus, U. S. P.
Compound Solution of Cresol	Liquor Cresolis Compositus, U. S. P.
Compound Solution of Glycerophosphates.	Elixir Glycerophosphatum Compositum, N. F.
Compound Solution of Hydrastine	Liquor Hydrastinæ Compositus, N. F.
Compound Solution of Hypophosphites	Liquor Hypophosphitum Compositus, N. F.
Compound Solution of Iodine	Liquor Iodi Compositus, U. S. P.
Compound Solution of Sodium Borate	Liquor Sodii Boratis Compositus, N. F.
Compound Solution of Sodium Phosphate.	Liquor Sodii Phosphatis Compositus, N. F.
Compound Solution of Zinc and Aluminum.	Liquor Zinci et Alumini Compositus, N. F.
Compound Solution of Zinc and Iron	Liquor Zinci et Ferri Compositus, N. F.
Compound Spirit of Cardamom, N. F. III.	Spiritus Cardamomi Compositus, N. F. III.
Compound Spirit of Cardamom	Spiritus Cardamomi Compositus, N. F.
Compound Spirit of Ether	Spiritus Ætheris Compositus, N. F.
Compound Spirit of Juniper	Spiritus Juniperi Compositus, U. S. P.
Compound Spirit of Myrcia	Spiritus Myrciæ Compositus, N. F.
Compound Spirit of Orange	Spiritus Aurantii Compositus, U. S. P.
Compound Spirit of Vanillin	Spiritus Vanillini Compositus, N. F.
Compound Sulphurated Petrox	Petroxolinum Sulphurata Compositum, N.F.
Compound Sulphurated Petroxolin	Petroxolinum Sulphurata Compositum, N F.
Compound Sulphur Ointment	Unguentum Sulphuris Compositum, N. F.
Compound Syrup of Actæa	Syrupus Cimicifugæ Compositus, N. F.
Compound Syrup of Asarum	Syrupus Asari Compositus, N. F.
Compound Syrup of Canada Snake-root	Syrupus Asari Compositus, N. F.
Compound Syrup of Chondrus	Syrupus Chondri Compositus, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Compound Syrup of Cimicifuga	Syrupus Cimicifugæ Compositus, N. F.
Compound Syrup of Figs	Syrupus Ficorum Compositus, N. F.
Compound Syrup of Hydrochlorophosphates.	Syrupus Phosphatum cum Quininæ et Strychninæ, N. F.
Compound Syrup of Irish Moss	Syrupus Chondri Compositus, N. F. III.
Compound Syrup of Morphine	Syrupus Morphinæ Compositus, N. F. III.
Compound Syrup of Phosphates with Quinine and Strychnine.	Syrupus Phosphatum cum Quninæ et Strychninæ, N. F.
Compound Syrup of Sarsaparilla	Syrupus Sarsaparillæ Compositus, U. S. P.
Compound Syrup of Senna	Syrupus Sennæ Compositus, N. F.
Compound Syrup of Squill	Syrupus Scillæ Compositus, U. S. P.
Compound Syrup of Stillingia	Syrupus Stillingiæ Compositus, N. F.
Compound Syrup of the Phosphates	Syrupus Phosphatum Compositus, N. F.
Compound Syrup of White Pine	Syrupus Pini Strobi Compositus, N. F.
Compound Syrup of White Pine with Morphine.	Syrupus Pini Strobi Compositus, cum Morphina, N. F.
Compound Tar Plaster	Emplastrum Picis Liquidæ Compositum, N. F. III.
Compound Tar Ointment	Unguentum Picis Compositum, N. F.
Compound Tincture of Benzoin	Tinctura Benzoini Composita, U. S. P.
Compound Tincture of Cardamom	Tinctura Cardamomi Composita, U. S. P.
Compound Tincture of Cinchona	Tinctura Cinchonæ Composita, U. S. P.
Compound Tincture of Cudbear	Tinctura Persionis Composita, N. F.
Compound Tincture of Gambir	Tinctura Gambir Composita, U. S. P.
Compound Tincture of Gentian	Tinctura Gentianæ Composita, U. S. P.
Compound Tincture of Green Soap	Tinctura Saponis Viridis Composita, N. F. III.
Compound Tincture of Guaiac	Tinctura Guaiaci Composita, N. F.
Compound Tincture of Jalap	Tinctura Jalapæ Composita, N. F.
Compound Tincture of Kino	Tinctura Kino et Opii Composita, N. F.
Compound Tincture of Kino and Opium	Tinctura Kino et Opii Composita, N. F.
Compound Tincture of Lavender	Tinctura Lavandulæ Composita, U. S. P.
Compound Tincture of Pale Catechu	Tinctura Gambir Composita, U. S. P.
Compound Tincture of Vanillin	Tinctura Vanillini Composita, N. F. III.
Compound Tincture of Viburnum	Tinctura Viburni Opuli Composita, N. F.
Compound Tincture of Zedoary	Tinctura Zedoariæ Amara, N. F.
Compound Wine of Rhubarb	Vinum Rhei Compositum N. F.
Compound Wine of Orange	Vinum Aurantii Compositum, N. F.
Compressed Sponge	Spongia Compressa, N. F. III.
Compressed Yeast	Cerevisiæ Fermentum Compressum, N. F.
Concentrated Diphtheria Antitoxin	Serum Antidiphthericum Purificatum, U. S. P.
Concentrated Solution of Ammonium Acetate.	Liquor Ammonii Acetatis Concentratus, N. F. III.
Concentrated Tetanus Antitoxin	Serum Antitetanicum Purificatum, U. S P.
Condurango	Condurango, N. F.
Condurango, Fluidextract of	Fluidextractum Condurango, N. F.
Confection of Rose	Confectio Rosæ, N. F.
Confection of Senna	Confectio Sennæ, N. F.
Conium	Conium, N. F.
Conium, Extract of	Extractum Conii, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Conium, Fluidextract of	Fluidextractum Conii, N. F.
Conium, Tincture of	Tinctura Conii, N. F. III.
Convallaria Flowers	Convallariæ Flores, N. F.
Convallaria Flowers, Fluidextract of	Fluidextractum Convallariæ Florum, N. F.
Convallaria, Fluidextract of	Fluidextractum Convallariæ Radicis, N. F.
Convallaria Root	Convallariæ Radix, N. F.
Convallaria Root, Fluidextract of	Fluidextractum Convallariæ Radicis, N. F.
Copaiba	Copaiba, U. S. P.
Copaiba and Opium, Mixture of	Mistura Copaibæ et Opii, N. F.
Copaiba, Mass of	Massa Copaibæ, N. F.
Copaiba Mixture	Mistura Copaibæ, N. F.
Copaiba Mixtures, N. F. III:	
1. Lafayette Mixture	Mistura Copaibæ, N. F.
2. Chapman's Mixture	Mistura Copaibæ et Opii, N. F.
Copaiba, Oil of	Oleum Copaibæ, U. S. P. VIII.
Copaiva	Copaiba, U. S. P.
Copper Sulphate	Cupri Sulphas, U. S. P.
Coptis	Coptis, N. F.
Coptis, Fluidextract of	Fluidextractum Coptis, N. F.
Cordial, Blackberry	Cordiale Rubi Fructus, N. F.
Coriander	Coriandrum, U. S. P.
Coriander Oil	Oleum Coriandri, U. S. P.
Coriander Seed	Coriandrum, U. S. P.
Corn Collodion	Collodium Salicylici Compositum, N. F.
Corn Silk	Zea, N. F.
Corn Starch	Amylum, U. S. P.
Cornus	Cornus, N. F.
Cornus Circinata, Fluidextract of	Fluidextractum Cornus Circinatæ, N. F. III.
Cornus Fluidextract of	Fluidextractum Corni, N. F.
Corrosive Mercuric Chloride	Hydrargyri Chloridum Corrosivum, U. S. P.
Corrosive Mercuric Chloride Mull	Mulla Hydrargyri Chloridi Corrosivi, N. F.
Corrosive Mercuric Chloride Salve Mull	Mulla Hydrargyri Chloridi Corrosivi, N. F.
Corrosive Sublimate	Hydrargyri Chloridum Corrosivum, U. S. P.
Corrosive Sublimate Tablets	Toxitabellæ Hydrargyri Chloridi Corrosivi, U. S. P.
Cortex Aurantii Fructus	Auranti Amari Cortex, U. S. P.
Cortex Chinae	Cinchona, U. S. P.
Cortex Cinnamomi	Cinnamomum Saigonicum, U. S. P.
Cortex Cinnamomi Ceylanici	Cinnamomum Zeylanicum, U. S. P.
Cortex Frangulae	Frangula, U. S. P.
Cortex Granati	Granatum, U. S. P.
Cortex Rhamni Purshianae	Cascara Sagrada, U. S. P.
Cortex Viburni	Viburnum Prunifolium, U. S. P.
Corydalis	Corydalis, N. F.
Corydalis, Compound Elixir of	Elixir Corydalis Compositum, N. F.
Corydalis, Fluidextract of	Fluidextractum Corydalis, N. F.
Cotarnine Chloride	Cotarninæ Hydrochloridum, U. S. P.
Cotarnine Hydrochloride	Cotarninæ Hydrochloridum, U. S. P.
Coto, Fluidextract of	Fluidextractum Coto, N. F. III.
Cotton, Purified	Gossypium Purificatum, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Cotton Root Bark	Gossypii Cortex, N. F.
Cotton Root Bark, Fluidextract of	Fluidextractum Gossypii Corticis, N. F.
Cottonseed Oil	Oleum Gossypii Seminis, U. S. P.
Couch Grass	Triticum, U. S. P.
Coumarin	Coumarinum, N. F.
Cow's Milk	Lac Vaccinum, N. F.
Cox's Hive Syrup	Syrupus Scillæ Compositus, N. F.
Cramp Bark	Viburnum Opulus, N. F.
Cranesbill	Geranium, N. F.
Cream of Tartar	Potassii Bitartras, U. S. P.
Creasote	Creosotum, U. S. P.
Creosotal	Creosoti Carbonas, U. S. P.
Creosote	Creosotum, U. S. P.
Creosote Carbonate	Creosoti Carbonas, U. S. P.
Creosote Petrox	Petroxolinum Creosoti, N. F.
Creosote Petroxolin	Petroxolinum Creosoti, N. F.
Creosote-Salicylic Acid Salve Mull	Mulla Creosoti Salicylata, N. F.
Creosote Water	Aqua Creosoti, U. S. P.
Cresol	Cresol, U.S. P.
Cresol, Compound Solution of	Liquor Cresolis Compositus, U. S. P.
Cresol, Saponated Tincture of	Tinctura Cresoli Saponata, N. F. III.
Cresolum Crudum	Cresol, U. S. P.
Crocus	Crocus, N. F.
Croton Oil	Oleum Tiglii, U. S. P.
Croton Oil Collodion	Collodium Tiglii, N. F.
Croton Oil, Compound Liniment of	Linimentum Tiglii Compositum, N. F.
Croton Oil, Liniment of	Linimentum Tiglii, N. F.
Crude Calcium Sulphide	Calcii Sulphidum Crudum, U. S. P.
Crude Malate of Iron	Extractum Ferri Pomatum, N. F.
Crude solution of Aluminum Acetate, N. F. III.	Liquor Alumni Acetatis, Crudus, N. F.
Cubeb	Cubeba, U. S. P.
Cubeb, Fluid extract of	Fluidextractum Cubebæ, N. F.
Cubeb Oil	Oleum Cubebæ, U. S. P.
Cubeb, Oleoresin of	Oleoresina Cubebæ, U. S. P.
Cubebs	Cubeba, U. S. P.
Cubeb, Tincture of	Tinctura Cubebæ, N. F.
Cubeb, Troches of	Trochisci Cubebæ, U. S. P.
Cudbear	Persio, N. F.
Cudbear, Compound Tincture of	Tinctura Persionis Composita, N. F.
Cudbear, Tincture of	Tinctura Persionis, N. F.
Culver's Root	Leptandra, N. F.
Cupric Sulphate	Cupri Sulphas, U. S. P.
Cuprum Sulfuricum	Cupri Sulphas, U. S. P.
Curaçao Aloes	Aloe, U. S. P.
Curaçao Cordial	Elixir Curassao, N. F. III.
Curaçao, Elixir of	Elixir Curassao, N. F. III.
Curaçao, Spirit of	Spiritus Curassao, N. F. III.
Curled Dock	Rumex, N. F.
Cusso	Brayera, N. F.
Cydonium, Mucilage of	Mucilago Cydonii, N. F. III.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Cypripedium	Cypripedium, N. F.
Cypripedium, Fluidextract of	Fluidextractum Cypripedii, N. F.
Cystamin	Hexamethylenamina, U. S. P.
Cystogen	Hexamethylenamina, U. S. P.
Dalby's Carminative	Mistura Carminativa, N. F.
Damiana	Damiana, N. F.
Damiana, Fluidextract of	Fluidextractum Damianæ, N. F.
Dandelion	Taraxacum, U. S. P.
Deadly Nightshade	Belladonnæ Folia, U. S. P.
Deadly Nightshade Root	Belladonnæ Radix, U. S. P.
Decolorized Sponge	Spongia Decolorata, N. F. III.
Decolorized Tincture of Iodine	Tinctura iodi Decolorata, N. F.
Decoction of Aloes, Compound	Decoctum Aloes, Compositum, N. F. III.
Decoction of Cetraria	Decoctum Cetrariæ, N. F. III.
Decoctions	Decocta, U. S. P.
Dehydrated Alcohol	Alcohol Dehydratum, U. S. P.
Deodorant Solution	Liquor Zinci et Ferri Compositum, N. F.
Deodorized Opium	Opium deodoratum, U. S. P.
Deodorized Opium, Tincture of	Tinctura Opii Deodorati, U. S. P.
Dermatol	Bismuthi Subgallus, U. S. P.
Dermatologic Pastes	Pastæ Dermatologicæ, N. F.
Dermatologic Pastes, N. F. III:	
Lassar's Mild Resorcin Paste	Pasta Resorcinolis Mitis, N. F.
Lassar's Naphthol Paste	Pasta Betanaphtholis, N. F.
Lassar's Zinc-Salicyl Paste	Pasta Zinci, N. F.
Unna's Soft Zinc Paste	Pasta Zinci Mollis, N. F.
Unna's Sulphurated Zinc Paste	Pasta Zinci Sulphurata, N. F.
Deshler's Salve	Ceratum Reinæ Compositum, N. F.
Desiccated Hypophysis	Hypophysis Sicca, U. S. P.
Desiccated Pituitary Body	Hypophysis Sicca, U. S. P.
Desiccated Suprarenal Glands	Suprarenalum Siccum, U. S. P.
Desiccated Thyroid Glands	Thyroideum Siccum, U. S. P.
Detannated Tincture of Cinchona	Tinctura Cinchonæ Detannata, N. F. III.
Dewees' Carminative	Mistura Magnesiæ Asafœtidæ et Opii, N. F.
Dewee's Tincture of Guaiac	Tinctura Guaiaci Composita, N. F.
Dextrinated Paste	Pasta Dextrinata, N. F.
Dextrin, Mucilage of	Mucilago Dextrinita, N. F. III.
Dextrin, White	Dextrinum Album, N. F.
Diacetylmorphine	Diacetylmorphina, U. S. P.
Diacetylmorphine Chloride	Diacetylmorphinæ Hydrochloridum, U.S.P.
Diacetylmorphine Hydrochloride	Diacetylmorphinæ Hydrochloridum, U.S.P.
Diachylon Ointment	Unguentum Diachylon, U. S. P.
Diarrhoea Mixtures	Misturæ Contra Diarrhœam, N. F. III.
1. Sun Cholera Mixture	Mistura Opii Composita, N. F.
2. Squibb's Diarrhoea Mixture	Mistura Opii et Chloroformi Composita, N.F.
Diastase	Diastasum, U. S. P.
Digestive Elixir, Compound	Elixir Digestivum Compositum, N. F. III.
Digitalis	Digitalis, U. S. P.
Digitalis, Extract of	Extractum Digitalis, U. S. P. VIII.
Digitalis, Fluidextract of	Fluidextractum Digitalis, U. S. P.
Digitalis, Infusion of	Infusum Digitalis, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Digitalis, Squills and Mercury, Pills of	Pilulæ Digitalis, Scillæ et Hydrargyri, N. F.
Digitalis, Tinctura P. I	Tinctura Digitalis, U. S. P.
Digitalis, Tincture of	Tinctura Digitalis, U. S. P.
Diluted Acetic Acid	Acidum Aceticum Dilutum, U. S. P.
Diluted Alcohol	Alcohol Dilutum, U. S. P.
Diluted Glacial Phosphoric Acid	Acidum Metaphosphoricum Dilutum, N. F. III.
Diluted Hydriodic Acid	Acidum Hydriodicum Dilutum, U. S. P.
Diluted Hydrobromic Acid	Acidum Hydrobromicum Dilutum, U. S. P.
Diluted Hydrochloric Acid	Acidum Hydrochloricum Dilutum, U. S. P.
Diluted Hydrocyanic Acid	Acidum Hyoscyanicum Dilutum, U. S. P.
Diluted Hypophosphorous Acid	Acidum Hypophosphorosum Dilutum,U.S.P
Diluted Iodine Petroxolinum	Petroxolinum Iodi Dilutum, N. F.
Diluted Mercurial Ointment	Unguentum Hydrargyri Dilutum, U. S. P.
Diluted Metaphosphoric Acid	Acidum Metaphosphoricum Dilutum, N. F. III.
Diluted Nitric Acid	Acidum Nitricum Dilutum, U. S. P. VIII.
Diluted Nitrohydrochloric Acid	Acidum Nitrohydrochloricum Dilutum, U. S. P.
Diluted Nitromuriatic Acid	Acidum Nitrohydrochloricum Dilutum, U. S. P.
Diluted Phosphoric Acid	Acidum Phosphoricum Dilutum, U. S. P.
Diluted Solution of Lead Subacetate	Liquor Plumbi Subacetatis Dilutus, U. S. P.
Diluted Sulphuric Acid	Acidum Sulphuricum Dilutum U. S. P.
Dimethyl-Ketone	Acetonum, U. S. P.
Dimethylxanthine	Theophyllina, U. S. P.
Dinner Pills	Pilulæ Ad Prandium, N. F.
Dionin	Æthylmorphinæ Hydrochloridum, U. S. P.
Dioscorea	Dioscorea, N. F.
Dioscorea, Fluidextract of	Fluidextractum Dioscoreæ, N. F.
Diphtheria Antitoxin	Serum Antidiphthericum, U. S. P.
Diphtheric Antitoxin Globulins	Serum Antidiphthericum Purificatum, U. S. P.
Distilled Water	Aqua Destillata, U. S. P.
Distilled Water, Sterilized	Aqua Destillata Sterilisata, U. S. P.
Diuretin	Theobrominæ Sodio-Salicylas, U. S. P.
Dobell's Solution	Liquor Sodii Boratis Compositus, N. F
Dog Grass	Triticum, U. S. P.
Dog-Wood Bark	Cornus, N. F.
Donovan's Solution	Liquor Arseni et Hydrargyri Iodidi, U. S. P.
Dover's Powder	Pulvis Ipecacuanahæ et Opii, U. S. P.
Dover's Powder, Tincture of	Tinctura Ipecacuanahæ et Opii, N. F.
Dried Antidiphtheric Serum	Serum Antidiphthericum Siccum, U. S. P.
Dried Antitetanic Serum	Serum Antitetanicum Siccum, U. S. P.
Dried Ferrous Sulphate	Ferri Sulphas Exsiccatus, U. S. P.
Dried Diphtheria Antitoxin	Serum Antidiphthericum Siccum, U. S. P.
Dried Sodium Carbonate	Sodii Carbonas Exsiccatus, N. F. III.
Dried Suprarenals	Suprarenalum Siccum, U. S. P.
Dried Tetanus Antitoxin	Serum Antitetanicum Siccum, U. S. P.
Dried Thyroids	Thyroideum Siccum, U. S. P.
Drop Chalk	Creta Præparata, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Drosera	Drosera, N. F.
Drosera, Fluidextract of	Fluidextractum Droseræ, N. F.
Dwarf Pine Oil	Oleum Pini Pumilionis, U. S. P.
Dysmenorrhœa Mixture	Tinctura Antacrida, N. F. III.
East India Kino	Kino, U. S. P.
Eau Sedative de Raspail	Aqua Sedativa, N. F. III.
Eau Sedative Raspail	Lotio Ammoniacalis Camphora, N. F.
Echinacea	Echinacea, N. F.
Echinacea, Fluidextract of	Fluidextractum Echinaceæ, N. F.
Effervescent Artificial Carlsbad Salt	Sal Carolini Factitium Effervescens, N. F.
Effervescent Artificial Kissingen Salt	Sal Kissingense Factitium Effervescens, N. F.
Effervescent Artificial Vichy Salt	Sal Vichyani Factitium Effervescens, N. F.
Effervsecent Artificial Vichy Salt with Lithium.	Sal Vichyani Factitium Effervescens cum Lithio, N. F.
Effervescent Citrated Caffeine	Caffeina Citrata Effervescens, U. S. P.
Effervescent Citrate of Iron and Quinine	Pulvis Ferri et Quininæ Citratis Effervescens, N. F. III.
Effervescent Magnesium Citrate	Magnesii Citras Effervescens, N. F. III.
Effervescent Magnesium Sulphate	Magnesii Sulphas Effervescens, U. S. P. VIII.
Effervescent Phosphate of Iron	Pulvis Ferri Phosphatis Effervescens N. F. III.
Effervescent Potassium Bromide with Caffeine.	Sal Potassii Bromidi Effervescens Compositus, N. F.
Effervescent Potassium Citrate	Potassii Citras Effervescens, U. S. P.
Effervescent Powder of Citrate of Iron and Quinine.	Pulvis Ferri et Quininæ Citratis Effervescens, N. F. III.
Effervescent Powder of Ferric Phosphate	Pulvis Ferri Phosphatis Effervescens, N. F. III.
Effervescent Salt of Lithium Citrate	Sal Lithii Citras Effervescens, N. F.
Effervescent Salt of Potassium Bromide	Sal Potasii Bromidi Effervescens, N. F.
Effervescent Sodium Phosphate	Sodii Phosphas Effervescens, U. S. P.
Effervescent Solution of Magnesium Sulphate.	Liquor Magnesii Sulphatis, Effervescens, N. F.
Effervescent Solution of Sodium Citro-Tartrate.	Liquor Sodii Citro-Tartratis Effervescens, N. F.
Effervescing Powder, Compound	Pulvis Effervescens Compositus, U. S. P.
Egg Albumen, Fresh	Ovi Albumen Recens, N. F.
Egg, Hen's	Ovum Gallinaceum, N. F.
Egg Yolk, Fresh	Ovi Vitellum Recens, N. F.
Eisenzucker	Ferri Oxidum Saccharatum, N. F.
Elaeosacchara	Oleosacchara, N. F.
Elaterin	Elaterinum, U. S. P.
Elaterin, Trituration of	Trituratio Elaterini, U. S. P.
Elder Flowers	Sambucus, N. F.
Elecampane	Inula, N. F.
Elixirs	Elixiria, N. F.
Elixir Adjuvans, U. S. P. VIII	Elixir Glycyrrhizæ, U. S. P.
Elixir Aromatic	Elixir Aromaticum, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Elixir Aurantiorum Compositum	Vinum Aurantii Compositum, N. F.
Elixir Calisaya	Elixir Cinchonæ Alkaloidorum, N. F.
Elixir Calisaya, Alkaloidal, with Iron and Strychnine.	Elixir Cinchonæ Alkaloidorum et Strychninæ, N. F.
Elixir, Cathartic Compound	Elixir Catharticum Compositum, N. F.
Elixir Cinchona Alkaloids, Iron, Bismuth and Strychnine.	Elixir Cinchonæ Alkaloidorum Ferri Bismuthi et Strychninæ, N F.
Elixir Cinchonae, N. F. III	Elixir Cinchonæ Alkaloidorum, N. F.
Elixir Cinchonae et Hypophosphitum, N. F. III.	Elixir Cinchonæ Alkaloidorum et Hypophosphitum, N. F.
Elixir Cinchonae Ferri, Bismuthi et Strychninae, N. F. III.	Elixir Cinchonæ Alkaloidorum Ferri Bismuthi et Strychninæ, N. F.
Elixir Cinchonae Ferri et Bismuthi	Elixir Cinchonæ Alkaloidorum, Ferri et Bismuthi, N. F.
Elixir Cinchonae, Ferri et Calcii Lactophosphatis, N. F. III.	Elixir Cinchonæ Alkaloidorum Ferri et Calcii Lactophosphatis, N. F.
Elixir Cinchonae, Ferri et Pepsini, N. F. III.	Elixir Cinchonæ Alkaloidorum Ferri et Pepsini, N. F.
Elixir Cinchonae Ferri et Strychninae, N. F. III.	Elixir Cinchonae Alkaloidorum et Strychninæ, N. F.
Elixir, Compound Digestive	Elixir Digestivum Compositum, N. F. III.
Elixir Corrigens	Elixir Eriodictyi Aromaticum, N. F.
Elixir Curassao	Elixir Aurantii Amari, N. F.
Elixir Erythroxylon	Elixir Cocæ, N. F. III.
Elixir Gentianae Ferratum, N. F. III	Elixir Gentianæ et Ferri Phosphatis, N. F.
Elixir Glycerophosphatum, N. F. III	Elixir Calcii et Sodii Glycerophosphatum, N. F.
Elixir of Ammonium Bromide	Elixir Ammonii Bromidi, N. F.
Elixir of Ammonium Valerate	Elixir Ammonii Valeratis, N. F.
Elixir of Ammonium Valerianate and Quinine.	Elixir Ammonii Valerianatis et Quininæ, N. F. III.
Elixir of Anise	Elixir Anisi, N. F.
Elixir of Bismuth	Elixir Bismuthi, N. F.
Elixir of Bitter Orange	Elixir Aurantii Amari, N. F.
Elixir of Black Haw	Elixir Viburni Prunifolii, N. F.
Elixir of Buchu	Elixir Buchu, N. F.
Elixir of Buchu and Potassium Acetate	Elixir Buchu et Potasii Acetatis, N. F.
Elixir of Buckthorn	Elixir Frangulæ, N. F. III.
Elixir of Caffeine	Elixir Caffeinæ, N. F. III.
Elixir of Calcium and Sodium Glycerophosphates.	Elixir Calcii et Sodii Glycerophosphatum, N. F.
Elixir of Calcium Bromide	Elixir Calcii Bromidi, N. F.
Elixir of Calcium Hypophosphite	Elixir Calcii Hypophosphitis, N. F.
Elixir of Calcium Lactophosphate	Elixir Calcii Lactophosphatis, N. F.
Elixir of Calisaya, Alkaloidal	Elixir Cinchonæ Alkaloidorum, N. F.
Elixir of Calisaya, Alkaloidal, with Hypophosphites.	Elixir Cinchonæ Alkaloidorum et Hypophosphitum, N. F.
Elixir of Calisaya, Alkaloidal, with Iron and Bismuth.	Elixir Cinchonæ Alkaloidorum, Ferri et Bismuthi, N. F.
Elixir of Calisaya, Alkaloidal, with Iron, Bismuth, and Strychnine.	Elixir Cinchonæ Alkaloidorum, Ferri Bismuthi et Strychninæ, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Elixir of Calisaya and Hypophosphites	Elixir Cinchonæ Alkaloidorum et Hypophosphitum, N. F.
Elixir of Calisaya and Iron	Elixir Cinchonæ Alkaloidorum et Ferri, N. F.
Elixir of Calisaya, Iron, and Bismuth	Elixir Cinchonæ Alkaloidorum et Bismuthi, N. F.
Elixir of Calisaya, Iron, and Lactophosphate of Lime.	Elixir Cinchonæ Alkaloidorum Ferri et Calcii Lactophosphatis, N. F.
Elixir of Calisaya, Iron, and Pepsin	Elixir Cinchonæ Alkaloidorum Ferri et Pepsini, N. F.
Elixir of Calisaya, Iron, and Strychnine	Elixir Cinchonæ Alkaloidorum Ferri et Strychninæ, N. F.
Elixir of Calisaya, Iron, Bismuth, and Strychnine.	Elixir Cinchonæ Alkaloidorum Ferri Bismuthi et Strychninæ, N. F.
Elixir of Calisaya, Pepsin, and Strychnine.	Elixir Cinchonæ Pepsin et Strychninæ, N. F. III.
Elixir of Cascara Sagrada	Elixir Cascaræ Sagradæ, N. F.
Elixir of Celery Compound	Elixir Apii Graveolentis Compositum, N. F. III.
Elixir of Chloroform, Compound	Elixir Chloroformi Compositum, N. F. III.
Elixir of Cinchona, N. F. III	Elixir Cinchonæ Alkaloidorum, N. F.
Elixir of Cinchona Alkaloids	Elixir Cinchonæ Alkaloidorum, N. F.
Elixir of Cinchona Alkaloids and Hypophosphites.	Elixir Cinchonæ Alkaloidorum et Hypophosphitum, N. F.
Elixir of Cinchona Alkaloids and Iron	Elixir Cinchonæ Alkaloidorum et Ferri, N. F.
Elixir of Cinchona Alkaloids, Iron, and Bismuthi.	Elixir Cinchonæ Alkaloidorum Ferri et Bismuthi, N. F.
Elixir of Cinchona Alkaloids, Iron, and Calcium Lactophosphate.	Elixir Cinchonæ, Alkaloidorum Ferri et Calcii Lactophosphatis, N. F.
Elixir of Cinchona Alkaloids, Iron, and Pepsin.	Elixir Cinchonæ Alkaloidorum Ferri et Pepsini, N. F.
Elixir of Cinchona Alkaloids, Iron, and Strychnine.	Elixir Cinchonæ Alkaloidorum et Strychninæ, N. F.
Elixir of Cinchona and Hypophosphites, N. F. III.	Elixir Cinchonæ Alkaloidorum et Hypophosphitum, N. F.
Elixir of Cinchona and Iron, N. F. III	Elixir Cinchonæ Alkaloidorum et Ferri, N. F.
Elixir of Cinchona, Iron, and Bismuth, N. F. III.	Elixir Cinchonæ Alkaloidorum et Bismuthi, N. F.
Elixir of Cinchona, Iron, and Calcium Lactophosphate, N. F. III.	Elixir Cinchonæ Alkaloidorum Ferri et Calcii Lactophosphatis, N. F.
Elixir of Cinchona, Iron, and Pepsin, N. F. III.	Elixir Cinchonæ Alkaloidorum Ferri et Pepsini, N. F.
Elixir of Cinchona, Iron, and Strychnine, N. F. III.	Elixir Cinchonæ Alkaloidorum Ferri et Strychninæ, N. F.
Elixir of Cinchona, Iron, Bismuth, and Strychnine.	Elixir Cinchonæ Alkaloidorum Ferri Bismuthi et Strychninæ, N. F.
Elixir of Cinchona, Pepsin, and Strychnine.	Elixir Cinchonæ Pepsini et Strychninæ, N. F. III.
Elixir of Coca	Elixir Cocæ, N. F. III.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Elixir of Coca and Guarana	Elixir Cocæ et Guaranæ, N. F. III.
Elixir of Curaçao	Elixir Curassao, N. F. III.
Elixir of Damiana	Elixir Turneræ, N. F. III.
Elixir of Erythroxylon	Elixir Cocæ, N. F. III.
Elixir of Erythroxylon and Guarana	Elixir Cocæ et Guaranæ, N. F. III.
Elixir of Eucalyptus	Elixir Eucalypti, N. F. III.
Elixir of Euonymus	Elixir Euonymi, N. F. III.
Elixir of Ferric Hypophosphite	Elixir Ferri Hypophosphitis, N. F.
Elixir of Ferric Phosphate	Elixir Ferri Phosphatis, N. F.
Elixir of Ferric Pyrophosphate	Elixir Pyrophosphatis, N. F.
Elixir of Formates	Elixir Formatum, N. F.
Elixir of Frangula	Elixir Frangulæ, N. F. III.
Elixir of Gentian	Elixir Gentianæ, N. F.
Elixir of Gentian and Ferric Phosphate	Elixir Gentianæ et Ferri Phosphatis, N. F.
Elixir of Gentian and Iron	Elixir Gentianæ et Ferri, N. F.
Elixir of Gentian with Tincture of Ferric Citro Chloride.	Elixir Gentianæ et Ferri, N. F.
Elixir of Glycerophosphates, N. F. III	Elixir Calcii et Sodii Glycerophosphatum, N. F.
Elixir of Glycyrrhiza	Elixir Glycyrrhizæ, U. S. P.
Elixir of Glycyrrhiza, N. F	Elixir Glycyrrhizæ, N. F. III.
Elixir of Guarana	Elixir Guaranæ, N. F.
Elixir of Grindelia	Elixir Grindeliæ, N. F. III.
Elixir of Hops	Elixir Humuli, N. F.
Elixir of Hypophosphites	Elixir Hypophosphitum, N. F.
Elixir of Hypophosphites and Iron	Elixir Hypophosphitum et Ferri, N. F.
Elixir of Iron Lactate	Elixir Ferri Lactatis, N. F.
Elixir of Iron, Quinine, and Strychnine	Elixir Ferri Quininæ et Strychninæ, N. F.
Elixir Jaborandi	Elixir Pilocarpi, N. F. III.
Elixir of Licorice	Elixir Glycyrrhizæ, U. S. P.
Elixir of Licorice, N. F	Elixir Glycyrrhizæ, N. F. III.
Elixir of Lithium Bromide	Elixir Lithii Bromidi, N. F.
Elixir of Lithium Citrate	Elixir Lithii Citratis, N. F.
Elixir of Malt and Iron	Elixir Malti et Ferri, N. F. III.
Elixir of Lithium Salicylate	Elixir Lithii Salicylatis, N. F.
Elixir of Paraldehyde	Elixir Paraldehydi, N. F. III.
Elixir of Pepsin	Elixir Pepsini, N. F.
Elixir of Pepsin and Bismuth	Elixir Pepsini et Bismuthi, N. F.
Elixir of Pepsin and Iron	Elixir Pepsini et Ferri, N. F.
Elixir of Pepsin, Bismuth, and Strychnine	Elixir Pepsini, Bismuthi et Strychninæ, N. F.
Elixir of Phosphorus	Elixir Phosphori, N. F.
Elixir of Phosphorus and Nux Vomica	Elixir Phosphori et Nucis Vomicæ, N. F.
Elixir of Pilocarpus	Elixir Pilocarpi, N. F. III.
Elixir of Potassium Acetate	Elixir Potassii Acetatis, N. F.
Elixir of Potassium Acetate and Juniper	Elixir Potassii Acetatis et Juniperi, N. F.
Elixir of Potassium Bromide	Elixir Potassii Bromidi, N. F.
Elixir of Pyrophosphate of Iron, Quinine, and Strychnine.	Elixir Ferri Pyrophosphatis Quininæ et Strychninæ, N. F.
Elixir of Quinine and Phosphates, Compound.	Elixir Quininæ et Phosphatum Compositum, N. F. III.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Elixir of Quinine, Valerate, and Strychnine.	Elixir Quininæ Valeratis et Strychninæ, N. F.
Elixir of Rhamnus Purshiana, N. F. III.	Elixir Cascaræ Sagradæ, N. F.
Elixir of Rhubarb	Elixir Rhei, N. F. III.
Elixir of Rhubarb and Magnesia	Elixir Rhei et Magnesii Acetatis, N. F. III.
Elixir of Rhubarb and Magnesium Acetate	Elixir Rhei et Magnesii Acetatis, N. F. III.
Elixir of Salicylic Acid	Elixir Acidi Salicylici, N. F. III.
Elixir of Sodium Bromide	Elixir Sodii Bromidi, N. F.
Elixir of Sodium Hypophosphite	Elixir Sodii Hypophosphitis, N. F.
Elixir of Sodium Salicylate	Elixir Sodii Salicylatis, N. F.
Elixir of Stillingia, Compound	Elixir Stillingiæ Compositum, N. F. III.
Elixir of Strychnine Valerate	Elixir Strychninæ Valeratis, N. F.
Elixir of Strychnine Valerianate, N. F. III.	Elixir Strychninæ Valeratis, N. F.
Elixir of Tar, Compound	Elixir Picis Compositum, N. F. III.
Elixir of Terpin Hydrate	Elixir Terpini Hydratis, N. F.
Elixir of Terpin Hydrate and Codeine	Elixir Terpini Hydratis et Codeinæ, N. F.
Elixir of Terpin Hydrate and Diacetylmorphine.	Elixir Terpini Hydratis et Diacetylmorphinæ, N. F.
Elixir of Terpin Hydrate with Heroin, N. F. III.	Elixir Terpini Hydratis et Diacetylmorphinæ, N. F.
Elixir of the Phosphates of Iron, Quinine, and Strychnine.	Elixir Ferri Quininæ et Strychninæ Phosphatum, U. S. P. VIII.
Elixir of Three Bromides	Elixir Trium Bromidorum, N. F.
Elixir of Turnera	Elixir Turneræ, N. F. III.
Elixir of Viburnum Prunifolium	Elixir Viburni Prunifolii, N. F.
Elixir of Wahoo	Elixir Euonymi, N. F. III.
Elixir of Zinc Valerate	Elixir Zinci Valeratis, N. F.
Elixir Quininæ Valerianatis et Strychninæ, N. F. III.	Elixir Quininæ Valeratis et Strychninæ, N. F.
Elixir, Red Aromatic	Elixir Aromaticum Rubrum, N. F.
Elixir Rhamni Purshianæ, N. F. III	Elixir Cascaræ Sagradæ, N. F.
Elixir Rhamni Purshianae Compositum, N. F. III.	Elixir Cascaræ Sagradæ Compositum, N. F.
Elixir Rhei et Magnesiae	Elixir Rhei et Magnesii Acetatis, N. F. III.
Elixir Zinci Valerianatis, N. F. III	Elixir Zinci Valeratis, N. F.
Elm	Ulmus, U. S. P.
Elm Bark	Ulmus, U. S. P.
Elm, Mucilage of	Mucilago Ulmi, U. S. P. VIII.
Elm, Troches of	Trochisci Ulmi, N. F.
Emetine Hydrochloride	Emetinæ Hydrochloridum, U. S. P.
Emollient Cataplasm	Species Emollientes, N. F.
Emollient Species	Species Emollientes, N. F.
Emplastrum Aromaticum, N. F. III.	Pulvis Aromaticus Rubefaciens, N. F.
Emulsions	Emulsa, N. F.
Emulsion of Almond	Emulsum Amygdalæ, U. S. P.
Emulsion of Ammoniac	Emulsum Ammoniaci, N. F. III.
Emulsion of Asafetida	Emulsum Asafœtidæ, U. S. P.
Emulsion of Castor Oil	Emulsum Olei Ricini, N. F.
Emulsion of Chloroform	Emulsum Chloroformi, U. S. P. VIII.
Emulsion of Cod Liver Oil	Emulsum Olei Morrhuæ, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Emulsion of Cod-Liver Oil with Calcium and Sodium Phosphates.	Emulsum Olei Morrhuae cum Calcii et Sodii Phosphatibus, N. F. III.
Emulsion of Cod Liver Oil with Calcium Lactophosphate.	Emulsum Olei Morrhuæ cum Calcii Lactophosphate, N. F.
Emulsion of Cod Liver Oil with Calcium Phosphate.	Emulsum Olei Morrhuæ cum Calcii Phosphate, N. F.
Emulsion of Cod Liver Oil with Egg	Emulsum Olei Morrhuæ cum Vitello, N. F.
Emulsion of Cod Liver Oil with Extract of Malt, N. F. III.	Emulsum Olei Morrhuæ cum Malto, N. F.
Emulsion of Cod Liver Oil with Hypophosphites.	Emulsum Olei Morrhuæ cum Hypophosphitibus, N. F.
Emulsion of Cod Liver Oil with Malt	Emulsum Olei Morrhuæ cum Malto, N. F.
Emulsion of Cod Liver Oil with Wild Cherry.	Emulsum Olei Morrhuæ cum Pruno Virginiana, N. F.
Emulsion of Oil of Turpentine	Emulsum Olei Terebinthinæ, U. S. P.
Emulsion of Petrolatum	Emulsum Petrolati, N. F.
Emulsion of Petroleum, N. F. III	Emulsum Petrolati, N. F.
Emulsio Olei Jecoris Aselli	Emulsum Olei Morrhuæ, U. S. P.
Emulsum Petrolei, N. F. III	Emulsum Petrolati, N. F.
Epsom Salt	Magnesii Sulphas, U. S. P.
Ergot	Ergota, U. S. P.
Ergot, Ammoniated Tincture of	Tinctura Ergotæ Ammoniata, N. F.
Ergot, Aqueous Extract of	Extractum Ergotæ, Aquosum, N. F.
Ergot, Fluidextract of	Fluidextractum Ergotæ, U. S. P.
Ergotin, P. I	Extractum Ergotæ Aquosum, N. F.
Ergot of Rye	Ergota, U. S. P.
Erigeron, Oil of	Oleum Erigerontis, U. S. P. VIII.
Eriodictyon	Eriodictyon, U. S. P.
Eriodictyon, Aromatic Elixir of	Elixir Eriodictyon Aromaticum, N. F.
Eriodictyon, Aromatic Syrup of	Syrupus Eriodictyi Aromaticus, N. F.
Eriodictyon, Fluidextract of	Fluidextractum Eriodictyi, U. S. P.
Eserine Salicylate	Physostigminæ Salicylas, U. S. P.
Essence of Lemon	Spiritus Limonis, N. F. III.
Essence of Nutmeg	Spiritus Myristicæ, N. F. III.
Essence of Peppermint	Spiritus Menthæ Piperitæ, U. S. P.
Essence of Pepsin, N. F. III	Elixir Pepsini et Renini Compositum N. F.
Essence of Wintergreen	Spiritus Gaultheriæ, U. S. P. VIII.
Essentia Pepsini, N. F. III	Elixir Pepsini et Rennini Compositum, N. F.
Ether	Æther, U. S. P.
Ether, Compond Spirit of	Spiritus Ætheris Compositus, N. F.
Ethereal Oil	Oleum Æthereum, N. F.
Ethereal Tincture of Ferric Chloride	Tinctura Ferri Chloridi Ætherea, N. F.
Ethereal Tincture of Tolu	Tinctura Tolutanæ Ætherea, N. F. III.
Ethereal Tinctures	Tincturæ Æthereæ, N. F.
Ether, Spirit of	Spiritus Ætheris, U. S. P.
Ethyl Acetate	Æther Aceticus, N. F.
Ethyl Carbamate	Æthylis Carbamas, U. S. P.
Ethyl Chloride	Æthylis Chloridum, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Ethylmorphine Chloride	Æthylmorphinæ Hydrochloridum, U. S. P.
Ethylmorphine Hydrochloride	Æthylmorphinæ Hydrochloridum, U. S. P.
Eucaine	Betæucainæ Hydrochloridum, U. S. P.
Eucaine Chloride	Betæucainæ Hydrochloridum, U. S. P.
Eucalyptol	Eucalyptol, U. S. P.
Eucalyptol Petrox	Petroxolinum Eucalyptolis, N. F.
Eucalyptol Petroxolin	Petroxolinum Eucalyptolis, N. F.
Eucalyptol Spray	Nebula Eucalyptolis, N. F.
Eucalyptus	Eucalyptus, U. S. P.
Eucalyptus, Elixir of	Elixir Eucalypti, N. F. III.
Eucalyptus, Fluidextract of	Fluidextractum Eucalypti, U. S. P.
Eucalyptus Oil	Oleum Eucalypti, U. S. P.
Eugenol	Eugenol, U. S. P.
Euonymus	Euonymus, N. F.
Euonymus, Elixir of	Elixir Euonymi, N. F. III.
Euonymus, Extract of	Extractum Euonymi, U. S. P.
Euonymus, Fluidextract of	Fluidextractum Euonymi, N. F.
Eupatorium	Eupatorium, N. F.
Eupatorium, Fluidextract of	Fluidextractum Eupatorii, N. F.
Euphorbia Pilulifera	Euphorbia Pilulifera, N. F.
Euphorbia Pilulifera, Fluidextract of	Fluidextractum Euphorbiæ Piluliferæ, N. F.
European Goat's Rue	Galega, N. F.
Expectorant, Stokes'	Mistura Pectoralis, Stokes, N. F.
Expressed Oil of Almond	Oleum Amygdalæ Expressum, U. S. P.
Exsiccated Alum	Alumen Exsiccatum, U. S. P.
Exsiccated Calcium Sulphate	Calcii Sulphas, Exsiccatus, U. S. P. VIII.
Exsiccated Ferrous Sulphate	Ferri Sulphas Exsiccatus, U. S. P.
Exsiccated Sodium Arsenate	Sodii Arsenas Exsiccatus, U. S. P.
Exsiccated Sodium Phosphate	Sodii Phosphas Exsiccatus, U. S. P.
Exsiccated Sodium Sulphite	Sodii Sulphis Exsiccatus, U. S. P.
Extracts	Extracta, U. S. P. and N. F.
Extract of Aconite	Extractum Aconiti, U. S. P.
Extract of Aloes	Extractum Aloes, N. F.
Extract of Arnica Root	Extractum Arnicæ Radicis, N. F. III.
Extract of Beef	Extractum Carnis, N. F.
Extract of Belladonna Leaves	Extractum Belladonnæ Foliorum, U. S. P.
Extract of Blue Flag	Extractum Iridis, N. F. III.
Extract of Butternut	Extractum Juglandis, N. F. III.
Extract of Cannabis	Extractum Cannabis, U. S. P.
Extract of Cantharides, Cerate of	Ceratum Extracti Cantharidis, N. F. III.
Extract of Cascara Sagrada	Extractum Cascaræ Sagradæ, U. S. P.
Extract of Cimicifuga	Extractum Cimicifugæ, U. S. P.
Extract of Cinchona	Extractum Cinchonæ, N. F.
Extract of Colchicum Corm	Extractum Colchici Cormi, U. S. P.
Extract of Colocynth	Extractum Colocynthidis, U. S. P.
Extract of Colocynth, Compound	Extractum Colocynthidis Compositum, U. S. P.
Extract of Conium	Extractum Conii, N. F.
Extract of Digitalis	Extractum Digitalis, U. S. P. VIII.
Extract of Ergot	Extractum Ergotæ, U. S. P.
Extract of Euonymus	Extractum Euonymi, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Extract of Gelsemium	Extractum Gelsemii, U. S. P.
Extract of Gentian	Extractum Gentianæ, U. S. P.
Extract of Glycyrrhiza	Exrractum Glycyrrhizæ, U. S. P.
Extract of Glycyrrhiza, Pure	Extractum Glycyrrhizæ Purum, U. S. P.
Extract of Glycyrrhiza, Purified	Extractum Glycyrrhizæ Depuratum, N. F. III.
Extract of Glycyrrhiza, Solution of	Liquor Extracti Glycyrrhizæ, N. F. III.
Extract of Golden Seal	Extractum Hydrastis, U. S. P.
Extract of Hematoxylon	Extractum Hæmatoxyli, N. F.
Extract of Hydrastis	Extractum Hydrastis, U. S. P.
Extract of Hyoscyamus	Extractum Hyoscyami, U. S. P.
Extract of Ignatia	Extractum Ignatiæ, N. F.
Extract of Indian Cannabis	Extractum Cannabis Indicæ, U. S. P. VIII.
Extract of Iris	Extractum Iridis, N. F. III.
Extract of Jalap	Extractum Jalapæ, N. F.
Extract of Juglans	Extractum Juglandis, N. F. III.
Extract of Krameria	Extractum Krameriæ, N. F.
Extract of Leptandra	Extractum Leptandræ, N. F.
Extract of Licorice	Extractum Glycyrrhizæ, U. S. P.
Extract of Malt	Extractum Malti, U. S. P.
Extract of Mayapple	Extractum Podophylli, N. F.
Extract of Nux Vomica	Extractum Nucis Vomicæ, U. S. P.
Extract of Opium	Extractum Opii, U. S. P.
Extract of Oxgall	Extractum Fellis Bovis, U. S. P.
Extract of Physostigma	Extractum Physostigmatis, U. S. P.
Extract of Podophyllum	Extractum Podophylli, N. F.
Extract of Quassia	Extractum Quassiæ, N. F.
Extract of Rhubarb	Extractum Rhei, U. S. P.
Extract of Scopola	Extractum Scopolæ, U. S. P. VIII.
Extract of Stramonium	Extractum Stramonii, U. S. P.
Extract of Stramonium Seed	Extractum Stramonii Seminis, N. F. III.
Extract of Sumbul	Extractum Sumbul, U. S. P.
Extract of Taraxacum	Extractum Taraxaci, U. S. P.
Extract of Uva Ursi	Extractum Uvæ Ursi, N. F. III.
Extract of Vanilla	Tinctura Vanillæ, N. F.
Extract of Viburnum Prunifolium	Extractum Viburni Prunifolii, U. S. P.
Extract of Witch Hazel	Aqua Hamamelidis, U. S. P.
Extractum Belladonnae	Extractum Belladonnæ Foliorum, U. S. P.
Extractum Chinae Fluidum	Fluidextractum Cinchonæ, U. S. P.
Extractum Cubebae	Oleoresina Cubebæ, U. S. P.
Extractum Cusso Fluidum	Fluidextractum Cusso, N. F. III.
Extractum Filicis	Oleoresina Aspidii, U. S. P.
Extractum Hydrastis Fluidum	Fluidextractum Hydrastis, U. S. P.
Extractum Ipecacuanhae Fluidum	Fluidextractum Ipecacuanhæ, U. S. P.
Extractum Liquiritiae	Extractum Glycyrrhizæ Purum, U. S. P.
Extractum Liquiritiae Venale	Extractum Glycyrrhizæ, U. S. P.
Extractum Menispermi Fluidum	Fluidextractum Menispermi, N. F. III.
Extractum Rhamni Purshianae, U. S. P. VIII.	Extractum Cascaræ Sagradæ, U. S. P.
Extractum Rhamni Purshianae Fluidum	Fluidextractum Cascaræ Sagradæ, U. S. P.
Extractum Rhei Fluidum	Fluidextractum Rhei, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Extractum Sarsaparillae Fluidum	Fluidextractum Sarsaparillæ, U. S. P.
Extractum Secalis Cornuti	Extractum Ergotæ, U. S. P.
Extractum Secalis Cornuti Fluidum. P. I.	Fluidextractum Ergotæ, U. S. P.
Extractum Stramonii Seminis Fluidum	Fluidextractum Stramonii Seminis, N. F. III.
Extractum Strychni, P. I	Extractum Nucis Vomicæ, U. S. P.
Extractum Viburni Prunifolii Fluidum	Fluidextractum Viburni Prunifolii, U. S. P.
False Unicorn	Helonias, N. F.
Fel Bovis Purificatum, U. S. P. VIII	Extractum Fellis Bovis, U. S. P.
Fenner's Guaiac Mixture	Tinctura Antacrida, N. F. III.
Fennel	Fœniculum, U. S. P.
Fennel Oil	Oleum Fœniculi, U. S. P.
Fennel Seed	Fœniculum, U. S. P.
Fennel Water	Aqua Fœniculi, U. S. P.
Fermented Milk	Lac Fermentatum, N. F.
Ferrated Elixir of Calisaya, Alkaloidal	Elixir Cinchonæ Alkaloidorum et Ferri, N. F.
Ferrated Extract of Apples	Extractum Ferri Pomatum, N. F.
Ferrated Extract of Apples, Tincture of	Tinctura Ferri Pomata, N. F.
Ferrated Wine of Wild Cherry	Vinum Pruni Virginianæ Ferratum, N. F.
Ferric Acetate, Solution of	Liquor Ferri Acetatis, N. F.
Ferric Ammonium Sulphate	Ferri et Ammonii Sulphas, U. S. P. VIII.
Ferric Chloride	Ferri Chloridum, U. S. P.
Ferric Chloride, Ethereal Tincture of	Tinctura Ferri Chloridi Aetherea, N. F.
Ferric Chloride, Solution of	Liquor Ferri Chloridi, U. S. P.
Ferric Chloride, Tincture of	Tinctura Ferri Chloridi, U. S. P.
Ferric Citrate	Ferri Citras, U. S. P. VIII.
Ferric Citrate, Solution of	Liquor Ferri Citratis, N. F.
Ferric Citro-Chloride, Tincture of	Tinctura Ferri Citro-Chloridi, N. F.
Ferric Glycerinophosphate	Ferri Glycerophosphas, N. F.
Ferric Glycerophosphate	Ferri Glycerophosphas, N. F.
Ferric Hydrate with Magnesia	Ferri Hydroxidum cum Magnesii Oxido, U. S. P.
Ferric Hydroxide	Magma Ferri Hydroxidi, N. F.
Ferric Hydroxide Magma	Magma Ferri Hydroxidi, N. F.
Ferric Hydroxide with Magnesium Oxide	Ferri Hydroxidum cum Magnesii Oxido, U. S. P.
Ferric Hypophosphite	Ferri Hypophosphis, N. F.
Ferric Hypophosphite, Elixir of	Elixir Ferri Hypophosphitis, N. F.
Ferric Hypophosphite, Solution of	Liquor Ferri Hypophosphitis, N. F.
Ferric Hypophosphite, Syrup of	Syrupus Ferri Hypophosphitis, N. F.
Ferric Nitrate, Solution of	Liquor Ferri Nitratis, N. F.
Ferric Oxychloride, Solution of	Liquor Ferri Oxychloridi, N. F.
Ferric Oxysulphate, Solution of	Liquor Ferri Oxysulphatis, N. F.
Ferric Phosphate	Ferri Phosphas, U. S. P.
Ferric Phosphate, Effervescent Powder of.	Pulvis Ferri Phosphatis Effervescens, N. F. III.
Ferric Phosphate, Elixir of	Elixir Ferri Phosphatis, N. F.
Ferric Pyrophosphate	Ferri Pyrophosphas, N. F.
Ferric Pyrophosphate, Elixir of	Elixir Ferri Pyrophosphas, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Ferric Salicylate, Solution of	Liquor Ferri Salicylatis, N. F.
Ferric Subsulphate, Solution of	Liquor Ferri Subsulphatis, U. S. P.
Ferric Sulphate, Solution of	Liquor Ferri Tersulphatis, U. S. P.
Ferri Hydroxidum, U. S. P. VIII	Magma Ferri Hydroxidi, N. F.
Ferri Iodidi, Sirupus, P. I	Syrupus Ferri Iodidi, U. S. P.
Ferri Malas Crudus	Extractum Pomatum, N. F.
Ferri Phosphas Solubilis, U. S. P. VIII	Ferri Phosphas, U. S. P.
Ferrous Carbonate, Mass of	Massa Ferri Carbonatis, U. S. P.
Ferrous Carbonate, Pills of	Pilulæ Ferri Carbonatis, U. S. P.
Ferrous Chloride, Syrup of	Syrupus Ferri Protochloridi, N. F.
Ferrous Iodide, Pills of	Pilulæ Ferri Iodidi, U. S. P.
Ferrous Iodide, Saccharated	Ferri Iodidum Saccharatum, N. F. III.
Ferrous Iodide, Solution of	Liquor Ferri Iodidi, N. F. III.
Ferrous Iodide, Syrup of	Syrupus Ferri Iodidi, U. S. P.
Ferrous Lactate	Ferri Lactas, N. F.
Ferrous Sulphate	Ferri Sulphas, U. S. P.
Ferrous Sulphate, Exsiccated	Ferri Sulphas, Exsiccatus, U. S. P.
Ferrous Sulphate, Granulated	Ferri Sulphas Granulatus, U. S. P.
Ferruginous Pills	Pilulæ Ferri Carbonatis, U. S. P.
Ferrum Carbonicum Saccharatum	Ferri Carbonas Saccharatus, U. S. P.
Ferrum Oxydatum Saccharatum	Ferri Oxidum Saccharatum, N. F.
Ferrum Redactum	Ferrum Reductum, U. S. P.
Ferrum Sesquichloratum	Ferri Chloridum, U. S. P.
Ferrum Sulfuricum	Ferri Sulphas, U. S. P.
Ferrum Sulfuricum Praecipitatum	Ferri Sulphas Granulatus, U. S. P.
Ferrum Sulfuricum Siccum	Ferri Sulphas Exsiccatus, U. S. P.
Fig	Ficus, N. F.
Figs, Compound Syrup of	Syrupus Ficorum Compositus, N. F.
Firm Zinc Glycerogelatin	Glycerogelatinum Zinci Durum, N. F.
Fish Berry	Cocculus Indicus, N. F.
Flaxseed	Linum, U. S. P.
Fleming's Tincture of Aconite	Tinctura Aconiti Fleming, N. F. III.
Flowering Dogwood Bark	Cornus, N. F.
Fluidextracts	Fluidextracta, U. S. P. and N. F.
Fluidextract, Aromatic	Fluidextractum Aromaticum, U. S. P.
Fluidextract of Aconite	Fluidextractum Aconiti, U. S. P.
Fluidextract of Adonis	Fluidextractum Adonidis, N. F.
Fluidextract of Aletris	Fluidextractum Aletridis, N. F.
Fluidextract of Angelic Root	Fluidextractum Angelicæ Radicis, N. F.
Fluidextract of Apocynum	Fluidextractum Apocyni, U. S. P.
Fluidextract of Aralia	Fluidextractum Araliæ, N. F.
Fluidextract of Arnica Flowers	Fluidextractum Arnicæ, N. F.
Fluidextract of Arnica Root	Fluidextractum Arnicæ Radicis, N. F. III.
Fluidextract of Asclepias	Fluidextractum Asclepiadis, N. F.
Fluidextract of Aspidosperma	Fluidextractum Aspidospermatis, U. S. P.
Fluidextract of Baptisia	Fluidextractum Baptisiæ, N. F.
Fluidextract of Belladonna Root	Fluidextractum Belladonnæ Radicis, U. S. P.
Fluidextract of Berberis	Fluidextractum Berberidis, N. F.
Fluidextract of Bitter Orange Peel	Fluidextractum Aurantii Amari, U. S. P.
Fluidextract of Bittersweet	Fluidextractum Dulcamaræ, N. F.
Fluidextract of Black Cohosh	Fluidextractum Cimicifugæ, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Fluidextract of Black Haw	Fluidextractum Viburni Prunifolii, U. S. P.
Fluidextract of Black Snake Root	Fluidextractum Cimicifugæ, U. S. P.
Fluidextract of Boldo	Fluidextractum Boldi, N. F.
Fluidextract of Buchu	Fluidextractum Buchu, U. S. P.
Fluidextract of Buckthorn Bark	Fluidextractum Frangulæ, U. S. P.
Fluid extract of Buckthorn Berries	Fluid extractum Rhamni Catharticæ, N. F.
Fluidextract of Calamus	Fluidextractum Calami, U. S. P. VIII.
Fluidextract of Calendula	Fluidextractum Calendulæ, N. F.
Fluidextract of Calisaya Bark	Fluidextractum Cinchonæ, U. S. P.
Fluidextract of Calumba	Fluidextractum Calumbæ, N. F.
Fluidextract of Camellia	Fluidextractum Camelliæ, N. F. III.
Fluidextract of Canadian Hemp	Fluidextractum Apocyni, U. S. P.
Fluidextract of Cannabis	Fluidextractum Cannabis, U. S. P.
Fluidextract of Capsicum	Fluidextractum Capsici, U. S. P. VIII.
Fluidextract of Cascara Sagrada	Fluidextractum Cascaræ Sagradæ, U. S. P.
Fluidextract of Cataria	Fluidextractum Catariæ, N. F.
Fuidextract of Catnep	Fluidextractum Catariæ, N. F.
Fluidextract of Caulophyllum	Fluidextractum Caulophylli, N. F.
Fluidextract of Celery Fruit	Fluidextractum Apii Fructus, N. F.
Fluidextract of Chestnut Leaves	Fluidextractum Castaneæ, N. F.
Fluidextract of Chimaphila	Fluidextractum Chimaphilæ, N. F.
Fluidextract of Chionanthus	Fluidextractum Chionanthi, N. F.
Fluidextract of Chirata	Fluidextractum Chiratæ, N. F.
Fluidextract of Cimicifuga	Fluidextractum Cimicifugæ, U. S. P.
Fluidextract of Cinchona	Fluidextractum Cinchonæ, U. S. P.
Fluidextract of Coca	Fluidextractum Cocæ, U. S. P. VIII.
Fluidextract of Cocillana	Fluidextractum Cocillanæ, N. F.
Fluidextract of Coffee	Fluidextractum Coffeæ, N. F.
Fluidextract of Colchicum Corm	Fluidextractum Colchici Cormi, N. F.
Fluidextract of Colchicum Seed	Fluidextractum Colchici Seminis, U. S. P.
Fluidextract of Condurango	Fluidextractum Condurango, N. F.
Fluidextract of Conium	Fluidextractum Conii, N. F.
Fluidextract of Convallaria Flowers	Fluidextractum Convallariæ Florum, N. F.
Fluidextract of Convallaria Root	Fluidextractum Convallariæ, Radicis, N. F.
Fluidextract of Coptis	Fluidextractum Coptis, N. F.
Fluidextract of Cornus	Fluidextractum Corni, N. F.
Fluidextract of Cornus Circinata	Fluidextractum Cornus Circinatæ, N. F. III.
Fluidextract of Corydalis	Fluidextractum Corydalis, N. F.
Fluidextract of Coto	Fluidextractum Coto, N. F. III.
Fluidextract of Cotton Root Bark	Fluidextractum Gossypii Corticis, N. F.
Fluidextract of Couch Grass	Fluidextractum Tritici, U. S. P.
Fluidextract of Cubeb	Fluidextractum Cubebæ, N. F.
Fluidextract of Cypripedium	Fluidextractum Cypripedii, N. F.
Fluidextract of Damiana	Fluidextractum Damianæ, N. F.
Fluidextract of Dandelion	Fluidextractum Taraxaci, U. S. P.
Fluidextract of Digitalis	Fluidextractum Digitalis, U. S. P.
Fluidextract of Dioscorea	Fluidextractum Dioscoreæ, N. F.
Fluidextract of Drosera	Fluidextractum Droseræ, N. F.
Fluidextract of Echinacea	Fluidextractum Echinaceæ, N. F.
Fluidextract of Ergot	Fluidextractum Ergotæ, U. S. P.
Fluidextract of Eriodictyon	Fluidextractum Eriodictyi, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Fluidextract of Eucalyptus	Fluidextractum Eucalypti, U. S. P.
Fluidextract of Euonymus	Fluidextractum Euonymi, N. F.
Fluidextract of Eupatorium	Fluidextractum Eupatorii, N. F.
Fluidextract of Euphorbia Pilulifera	Fluidextractum Euphorbiæ Piluliferæ, N. F.
Fluidextract of Frangula	Fluidextractum Frangulæ, U. S. P.
Fluidextract of Fucus	Fluidextractum Fuci, N. F.
Fluidextract of Galega	Fluidextractum Galegæ, N. F.
Fluidextract of Gelsemium	Fluidextractum Gelsemii, U. S. P.
Fluidextract of Gentian	Fluidextractum Gentianæ, U. S. P.
Fluidextract of Geranium	Fluidextractum Geranii, N. F.
Fluidextract of Ginger	Fluidextractum Zingiberis, U. S. P.
Fluidextract of Glycyrrhiza	Fluidextractum Glycyrrhizæ, U. S. P.
Fluidextract of Golden Seal	Fluidextractum Hydrastis, U. S. P.
Fluidextract of Green Coffee	Fluidextractum Coffeæ Viridis, N. F. III.
Fluidextract of Green Hellebore	Fluidextractum Veratri Viridis, U. S. P.
Fluidextract of Grindelia	Fluidextractum Grindeliæ, U. S. P.
Fluidextract of Guarana	Fluidextractum Guaranæ, U. S. P.
Fluidextract of Hamamelis Leaves	Fluidextractum Hamamelidis Foliorum, N. F.
Fluidextract of Heliamthemum	Fluidextractum Heliamthemi, N. F.
Fluidextract of Helonias	Fluidextractum Helionatis, N. F.
Fluidextract of Henbane	Fluidextractum Hyoscyami, U. S. P.
Fluidextract of Hop	Fluidextractum Humuli, N. F.
Fluidextract of Horse Nettle Berries	Fluidextractum Solani, N. F.
Fluidextract of Hydrangea	Fluidextractum Hydrangeæ, N. F.
Fluidextract of Hydrastis	Fluidextractum Hydrastis, U. S. P.
Fluidextract of Hyoscyamus	Fluidextractum Hyoscyami, U. S. P.
Fluidextract of Ipecac	Fluidextractum Ipecacuanhæ, U. S. P.
Fluidextract of Iris Versicolor	Fluidextractum Iridis Versicolor, N. F.
Fluidextract of Jaborandi	Fluidextractum Pilocarpus, U. S. P.
Fluidextract of Jalap	Fluidextractum Jalapæ, N. F.
Fluidextract of Juglans	Fluidextractum Juglandis, N. F.
Fluidextract of Juniper Berries	Fluidextractum Juniperi, N. F.
Fluidextract of Kava	Fluidextractum Kavæ, N. F.
Fluidextract of Kola	Fluidextractum Kolæ, N. F.
Fluidextract of Kousso	Fluidextractum Cusso, N. F. III.
Fluidextract of Krameria	Fluidextractum Krameriæ, N. F.
Fluidextract of Lappa	Fluidextractum Lappæ, N. F.
Fluidextract of Leptandra	Fluidextractum Leptandræ, N. F.
Fluidextract of Licorice	Fluidextractum Glycyrrhizæ, U. S. P.
Fluidextract of Lobelia	Fluidextractum Lobeliæ, U. S. P.
Fluidextract of Lupulin	Fluidextractum Lupulini, N. F.
Fluidextract of Malt	Fluidextractum Malti, N. F. III.
Fluidextract of Matico	Fluidextractum Matico, N. F.
Fluidextract of Menispermum	Fluidextractum Menispermi, N. F. III.
Fluidextract of Menyanthes	Fluidextractum Menyanthis, N. F. III.
Fluidextract of Mezereum	Fluidextractum Mezerei, N. F.
Fluiedxtract of Mullein Leaves	Fluidextractum Verbasci Foliæ, N. F.
Fluidextract of Musk Root	Fluidextractum Sumbul, U. S. P.
Fluidextract of Nux Vomica	Fluidextractum Nucis Vomicæ, U. S. P.
Fluidextract of Paracoto	Fluidextractum Paracoto, N. F.
Fluidextract of Pareira	Fluidextractum Pareiræ, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Fluidextract of Parsley Root	Fluidextractum Petroselini Radicis, N. F.
Fluidextract of Phytolacca	Fluidextractum Phytolaccæ, N. F.
Fluidextract of Pilocarpus	Fluidextractum Pilocarpus, U. S. P.
Fluidextract of Pink Root	Fluidextractum Spigeliæ, U. S. P.
Fluidextract of Podophyllum	Fluidextractum Podophylli, U. S. P.
Fluidextract of Pomegranate	Fluidextractum Granati, U. S. P.
Fluidextract of Prickly Ash	Fluidextractum Xanthoxyli, U. S. P.
Fluidextract of Rhamnus Cathartica	Fluidextractum Rhamni Catharticæ, N. F.
Fluidextractum of Quassia	Fluidextractum Quassiæ, N. F.
Fluidextract of Quebracho	Fluidextractum Aspidospermatis, U. S. P.
Fluidextract of Quercus	Fluidextractum Quercus, N. F.
Fluidextract of Quillaja	Fluidextractum Quillajæ, U. S. P. VIII.
Fluidextract of Rhamnus Catharticus	Fluidextractum Rhamni Catharticæ, N. F.
Fluidextract of Rhamnus Purshiana	Fluidextractum Cascaræ Sagradæ, U. S. P.
Fluidextract of Rhubarb	Fluidextractum Rhei, U. S. P.
Fluidextract of Rhus Glabra	Fluidextractum Rhois Glabræ, N. F.
Fluidextract of Roasted Coffee, N. F. III.	Fluidextractum Coffeæ, N. F.
Fluidextract of Rose	Fluidextractum Rosæ, U. S. P.
Fluidextract of Rubus	Fluidextractum Rubi, N. F.
Fluidextract of Rumex	Fluidextractum Rumicis, N. F.
Fluidextract of Sabal	Fluidextractum Sabal, U. S. P.
Fluidextractum of Sanguinaria	Fluidextractum Sanguinariæ, N. F.
Fluidextract of Sarsaparilla	Fluidextractum Sarsaparillæ, U. S. P.
Fluidextract of Sarsaparilla, Compound	Fluidextractum Sarsaparillæ Compositum, U. S. P.
Fluidextract of Savin	Fluidextractum Sabinæ, U. S. P. VIII.
Fluidextract of Saw Palmetto	Fluidextractum Sabal, U. S. P.
Fluidextract of Scoparius	Fluidextractum Scoparii, N. F.
Fluidextract of Scopola	Fluidextractum Scopolæ, U. S. P. VIII.
Fluidextract of Scutellaria	Fluidextractum Scutellariæ, N. F.
Fluidextract of Senecio	Fluidextractum Senecionis, N. F.
Fluidextract of Senega	Fluidextractum Senegæ, U. S. P.
Fluidextract of Senna	Fluidextractum Sennæ, U. S. P.
Fluidextract of Serpentaria	Fluidextractum Serpentariæ, N. F.
Fluidextract of Seven Barks	Fluidextractum Hydrangeæ, N. F.
Fluidextract of Solanum	Fluidextractum Solani, N. F.
Fluidextract of Spigelia	Fluidextractum Spigeliæ, U. S. P.
Fluidextract of Squill	Fluidextractum Scillæ, U. S. P.
Fluidextract of Stavesacre	Fluidextractum Staphisagriæ, U. S. P.
Fluidextract of Staphisagria	Fluidextractum Staphisagriæ, U. S. P.
Fluidextract of Stillingia	Fluidextractum Stillingiæ, U. S. P.
Fluidextract of Stramonium	Fluidextractum Stramonii, N. F.
Fluidextract of Stramonium Seed	Fluidextractum Stramonii Seminis, N.F.III.
Fluidextract of Sumbul	Fluidextractum Sumbul, U. S. P.
Fluidextract of Taraxacum	Fluidextractum Taraxaci, U. S. P.
Fluidextract of Thuja	Fluidextractum Thujæ, N. F.
Fluidextract of Thyme	Fluidextractum Thymi, N. F.
Fluidextract of Trifolium	Fluidextract of Trifolii, N. F.
Fluidextract of Trillium	Fluidextractum Trillii, N. F.
Fluidextract of Triticum	Fluidextractum Tritici, U. S. P.
Fluidextract of Urtica	Fluidextractum Urticæ, N. F. III.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Fluidextract of Uva Ursi	Fluidextractum Uvæ Ursi, U. S. P.
Fluidextract of Valerian	Fluidextractum Valerianæ, N. F.
Fluidextract of Veratrum Viride	Fluidextractum Veratri Viridis, U. S. P.
Fluidextract of Verbascum	Fluidextract of Verbasci Foliæ, N. F.
Fluidextract of Verbena	Fluidextractum Verbenæ, N. F.
Fluidextract of Viburnum Opulus	Fluidextractum Viburni Opuli, N. F.
Fluidextract of Viburnum Prunifolium	Fluidextractum Viburni Prunifolii, U. S. P.
Fluidextract of Wild Cherry	Fluidextractum Pruni Virginianæ, N. F.
Fluidextract of Witch Hazel Leaves	Fluidextractum Hamamelidis Foliorum, N. F
Fluidextract of Xanthoxylum	Fluidextractum Xanthoxyli, U. S. P.
Fluidextract of Yerba Santa	Fluidextractum Eriodictyi, U. S. P.
Fluidextract of Zea	Fluidextractum Zeæ, N. F.
Fluidextractum Coffeae Tostae, N. F. III	Fluidextractum Coffeæ, N. F.
Fluidextractum Colchici Radicis	Fluidextractum Colchici Cormi, N. F.
Fluidextractum Convallariae, N. F. III	Fluidextractum Convallariæ Florum, N. F.
Fluidextractum Coto, N. F. III	Fluidextractum Paracoto, N. F.
Fluidextractum Rhamni Purshianae Aromaticum, U. S. P. VIII.	Fluidextractum Cascaræ Sagradæ Aromaticum, U. S. P.
Fluidextractum Sterculiae, N. F. III	Fluidextractum Kolæ, N. F.
Fluidextractum Turnerae, N. F. III	Fluidextractum Damianæ, N. F.
Fluidglycerates	Fluidglycerata, N. F.
Fluidglycerate of Cascara Sagrada	Fluidglyceratum Cascaræ Sagradæ, N. F.
Fluidglycerate of Cascara Sagrada, Aromatic.	Fluidglyceratum Cascaræ Sagradæ Aromaticum, N. F.
Fluidglycerate of Glycyrrhiza	Fluidglyceratum Glycyrrhizæ, N. F.
Fluidglycerate of Krameria	Fluidglyceratum Krameriæ, N. F.
Fluidglycerate of Licorice	Fluidglyceratum Glycyrrhizæ, N. F.
Fluidglycerate of Rhamnus Purshiana	Fluidglyceratum Cascaræ Sagradæ, N. F.
Fluidglycerate of Rhubarb	Fluidglyceratum Rhei, N. F.
Flores Arnicae	Arnica, U. S. P.
Flores Chamomillae	Matricaria, U. S. P.
Flos Chamomillae	Matricaria, U. S. P.
Flos Cinae	Santonica, U. S. P.
Flowering Dogwood Bark	Cornus, N. F.
Flowers of Sulphur	Sulphur Sublimatum, U. S. P.
Folia Menthae Piperitae	Mentha Piperita, U. S. P.
Folia Sennae	Senna, U. S. P.
Folia Uvae Ursi	Uva Ursi, U. S. P.
Folium Belladonnae, P. I	Belladonnæ Folia, U. S. P.
Folium Digitalis, P. I	Digitalis, U. S. P.
Folium Hyoscyami, P. I	Hyoscyamus, U. S. P.
Folium Jaborandi	Pilocarpus, U. S. P.
Folium Stramonii	Stramonium, U. S. P.
Forbe's Emulsion of Oil of Turpentine	Emulsum Olei Terebinthinæ Fortior, N. F. III.
Formaldehyde, Solution of	Liquor Formaldehydi, U. S. P.
Formaldehydum solutum	Liquor Formaldehydi, U. S. P.
Formalol	Hexamethylenamina, U. S. P.
Formamine, B. P. C.	Hexamethylenamina, U. S. P.
Formates, Compound Elixir of	Elixir Formatum Compositum.
Formates, Elixir of	Elixir Formatum, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Formic Acid	Acidum Formicum, N. F.
Formic Acid, Spirit of	Spiritus Acidi Formici, N. F.
Formin	Hexamethylenamina, U. S. P.
Fowler's Solution	Liquor Potassii Arsenitis, U. S. P.
Fox Glove	Digitalis, U. S. P.
Francis' Triplex Pills	Pilulæ Aloes Hydrargyri et Scammonii Compositæ, N. F.
Frangula	Frangula, U. S. P.
Frangula, Elixir of	Elixir Frangulæ, N. F. III.
Frangula, Fluidextract of	Fluidextractum Frangulæ, U. S. P.
French Mixture	Liquor Iodi Phenolatus, N. F.
Fresh Apple Juice	Succus Pomorum, N. F.
Fresh Drugs, Tincture of	Tincturæ Medicamentorum Recentium,N.F.
Fresh Egg	Ovum Gallinaceum, N. F.
Fresh Egg Albumen	Ovi Albumen, Recens, N. F.
Fresh Egg Yolk	Ovi Vitellum Recens, N. F.
Friar's Balsam	Balsamum Traumaticum, N. F. III.
Fringe Tree Bark	Chionanthus, N. F.
Frost-weed	Helianthemum, N. F.
Fructus Anisi	Anisum, U. S. P.
Fructus Capsici	Capsicum, U. S. P.
Fructus Cardamomi	Cardamomi Semen, U. S. P.
Fructus Carvi	Carum, U. S. P.
Fructus Colocynthidis	Colocynthidis Pulpa, U. S. P.
Fructus Coriandri	Coriandrum, U. S. P.
Fructus Cubebae	Cubeba, U. S. P.
Fructus Foeniculi	Fœniculum, U. S. P.
Fruit, Celery	Apii Fructus, N. F.
Fucus	Fucus, N. F.
Fucus, Fluidextract of	Fluidextractum Fuci, N. F.
Fused Silver Nitrate	Argenti Nitras Fusus, U. S. P.
Gadberry's Mixture	Mistura Splenetica, N. F. III.
Galangal	Galangal, N. F.
Galbanum, Compound Pills of	Pilulæ Galbani Compositæ, N. F. III.
Galbanum Plaster	Emplastrum Galbani, N. F. III.
Galega	Galega, N. F.
Galega, Fluidextract of	Fluidextractum Galegæ, N. F.
Gallae	Galla, U. S. P.
Gallic Acid	Acidum Gallicum, U. S. P.
Gambir	Gambir, U. S. P.
Gambir, Compound Powder of	Pulvis Gambir Compositus, N. F. IV.
Gambir, Compound Tincture of	Tinctura Gambir Composita, U. S. P.
Gambir, Troches of	Trochisci Gambir, N. F.
Gamboge	Cambogia, U. S. P.
Ganjah	Cannabis, U. S. P.
Garlic	Allium, N. F.
Garlic, Syrup of	Syrupus Allii, N. F.
Gaultheria, Spirit of	Spiritus Gaultheriæ, U. S. P. VIII.
Gelatin	Gelatinum, U. S. P.
Gelatina Alba	Gelatinum, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Gelatin, Glycerinated	Gelatinum Glycerinatum, U. S. P.
Gelsemium	Gelsemium, U. S. P.
Gelsemium, Extract of	Extractum Gelsemii, U. S. P.
Gelsemium, Fluidextract of	Fluidextractum Gelsemii, U. S. P.
Gelsemium, Tincture of	Tinctura Gelsemii, U. S. P.
Gentian	Gentiana, U. S. P.
Gentian and Ferric Phosphate, Elixir of	Elixir Gentianæ et Ferri Phosphatis, N. F.
Gentian, Compound Tincture of	Tinctura Gentianæ Composita, U. S. P.
Gentian, Elixir of	Elixir Gentianæ, N. F.
Gentian, Extract of	Extractum Gentianæ, U. S. P.
Gentian, Fluidextract of	Fluidextractum Gentianæ, U. S. P.
Gentian, Glycerinated Elixir of	Elixir Gentianæ Glycerinatum, N. F.
Gentian with Tincture of Ferric Citro-Chloride, Elixir of.	Elixir Gentianæ et Ferri, N. F.
Gentian, Compound Infusion of	Infusum Gentianæ Compositum, N. F.
Gentian, Stronger Compound Infusion of	Infusum Gentianæ Compositum, Fortius, N. F. III.
Geranium	Geranium, N. F.
Geranium, Fluidextract	Fluidextractum Geranii, N. F.
German Chamomile	Matricaria, U. S. P.
Germicide	Liquor Antigerminarus, N. F. III.
Ginger	Zingiber, U. S. P.
Ginger, Fluidextract of	Fluidextractum Zingiberis, U. S. P.
Ginger, Oleoresin of	Oleoresina Zingiberis, U. S. P.
Ginger, Solution of	Liquor Zingiberis, N. F. III.
Ginger, Syrup of	Syrupus Zingiberis, U. S. P.
Ginger, Tincture of	Tinctura Zingiberis, U. S. P.
Ginger, Troches of	Trochisci Zingiberis, N. F. III.
Glacial Acetic Acid	Acidum Aceticum Glaciale, U. S. P.
Glandulæ Suprarenales Siccae, U. S. P., VIII.	Suprarenalum Siccum, U. S. P.
Glandulæ Thyroideae Siccae, U. S. P. VIII.	Thyroideum Siccum, U. S. P.
Glauber's Salt	Sodii Sulphas, U. S. P.
Glucose	Glucosum, U. S. P.
Glusidum	Benzosulphinidum, U. S. P.
Glycerin	Glycerinum, U. S. P.
Glycerinated Elixir of Gentian	Elixir Gentianæ Glycerinatum, N. F.
Glycerinated Gelatin	Gelatinum Glycerinatum, U. S. P.
Glycerinated Vaccine Virus	Virus Vaccinicum, U. S. P.
Glycerin, Suppositories of	Suppositoria Glycerini, U. S. P.
Glycerite of Bismuth	Glyceritum Bismuthi, N. F.
Glycerite of Boroglycerin	Glyceritum Boroglycerini, U. S. P.
Glycerite of Carbolic Acid	Glyceritum Phenolis, U. S. P.
Glycerite of Golden Seal	Glyceritum Hydrastis, U. S. P.
Glycerite of Guaiac	Glyceritum Guaiaci, N. F.
Glycerite of Hydrastis	Glyceritum Hydrastis, U. S. P.
Glycerite of Pepsin	Glyceritum Pepsini, N. F.
Glycerite of Phenol	Glyceritum Phenolis, U. S. P.
Glycerite of Starch	Glyceritum, Amyli, U. S. P.
Glycerite of Tannic Acid	Glyceritum Acidi Tannici, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Glycerite of Tannin	Glyceritum Acidi Tannici, U. S. P.
Glycerite of Tar	Glyceritum Picis Liquidæ, N. F.
Glycerite of the Phosphates of Iron, Quinine, and Strychnine.	Glyceritum Ferri Quininæ et Strychninæ Phosphatum, U. S. P. VIII.
Glycerite of Tragacanth	Glyceritum Tragacanthæ, N. F.
Glycerite of Yolk of Egg	Glyceritum Vitelli, N. F.
Glycerogelatins	Glycerogelatina, N. F.
Glycerol	Glycerinum, U. S. P.
Glycerophosphates, Compound Elixir of	Elixir Glycerophosphatum Compositum, N. F.
Glycerophosphates, Elixir of	Elixir Glycerophosphatum, N. F. III.
Glyceryl Borate	Boroglycerinum, N. F. III.
Glyceryl Trinitrate, Spirit of	Spiritus Glycerylis Nitratis, U. S. P.
Glyconin Emulsion of Cod Liver Oil, N. F. III.	Emulsum Olei Morrhuæ cum Vitello, N. F.
Glycyrrhiza	Glycyrrhiza, U. S. P.
Glycyrrhiza and Opium, Troches of	Trochisci Glycyrrhizæ et Opii, U.S.P. VIII.
Glycyrrhiza, Aqueous Elixir of	Elixir Glycyrrhizæ Aquosum, N. F.
Glycyrrhiza, Aromatic Elixir of	Elixir Glycyrrhizæ Aromaticum.
Glycyrrhiza, Compound Powder of	Pulvis Glycyrrhizæ Compositus, U. S. P.
Glycyrrhiza, Compound Mixture of	Mistura Glycyrrhizæ Composita, U. S. P.
Glycyrrhiza, Elixir of	Elixir Glycyrrhizæ, N. F. III.
Glycyrrhiza, Extract of	Extractum Glycyrrhizæ, U. S. P.
Glycyrrhiza, Fluidextract of	Fluidextractum Glycyrrhizæ, U. S. P.
Glycyrrhiza, Fluidglycerate of	Fluidglyceratum Glycyrrhizæ, N. F.
Glycyrrhiza, Pure Extract of	Extractum Glycyrrhizæ Purum, U. S. P.
Glycyrrhiza, Purified Extract of	Extractum Glycyrrhizæ Depuratum, N. F. III.
Glycyrrhiza, Solution of Extract of	Liquor Extracti Glycyrrhizæ, N. F. III.
Glycyrrhiza, Syrup of	Syrupus Glycyrrhizæ, N. F.
Glycyrrhizin, Ammoniated	Glycyrrhizinum Ammoniatum, U. S. P.
Godfrey's Cordial	Mistura Sassafras et Opii, N. F.
Gold and Arsenic Bromide, Solution of	Liquor Auri et Arseni Bromidi, N. F.
Gold and Sodium Chloride	Auri et Sodii Chloridum, U. S. P.
Golden Seal	Hydrastis, U. S. P.
Goldthread	Coptis, N. F.
Goulard's Cerate	Ceratum Plumbi Subacetatis, N. F.
Goulard's Extract	Liquor Plumbi Subacetatis, U. S. P.
Gossypium Depuratum	Gossypium Purificatum, U. S. P.
Granular Effervescent Salts	Sales Effervescentes, N. F.
Granulated Ferrous Sulphate	Ferri Sulphas Granulatus, U. S. P.
Granulated Opium	Opium Granulatum, U. S. P.
Gray Powder	Hydrargyrum cum Cretæ, U. S. P.
Green Coffee, Fluidextract of	Fluidextractum Coffeæ Viridis, N. F. III.
Green Hellebore	Veratrum Viride, U. S. P.
Green Soap, Compound Tincture of	Tinctura Saponis Viridis, Composita, N. F. III.
Gregory's Powder	Pulvis Rhei Compositus, U. S. P.
Griffith's Mixture	Mistura Ferri Composita, N. F.
Grindelia	Grindelia, U. S. P.
Grindelia, Elixir of	Elixir Grindeliæ, N. F. III.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Grindelia, Fluidextract of	Fluidextractum Grindeliæ, U. S. P.
Gross' Antineuralgic Pill	Pilulæ Antineuralgicæ, N. F. III.
Guaiac	Guaiacum, U. S. P.
Guaiac, Ammoniated Tincture of	Tinctura Guaiaci Ammoniata, U. S. P.
Guaiac, Compound Gargle of	Gargarisma Guaiaci Composita, N. F.
Guaiac, Compound Tincture of	Tinctura Guaiaci Composita, N. F.
Guaiac, Glycerite of	Glyceritum Guaiaci, N. F.
Guaiac, Mixture of	Mistura Guaiaci, N. F.
Guaiacol	Guaiacol, U. S. P.
Guaiacol Carbonate	Guaiacolis Carbonas, U. S. P.
Guaiacol Petrox	Petroxolinum Guaiacolis, N. F.
Guaiacol Petroxolin	Petroxolinum Guaiacolis, N. F.
Guaiac Resin	Guaiacum, U. S. P.
Guaiac, Tincture of	Tinctura Guaiaci, U. S. P.
Guaiac Wood	Guaiaci Lignum, N. F.
Guajacolum	Guaiacol, U. S. P.
Guajacolum Carbonicum	Guaiacolis Carbonas, U. S. P.
Guarana	Guarana, U. S. P.
Guarana, Elixir of	Elixir Guaranæ, N. F.
Guarana, Fluidextract of	Fluidextractum Guaranæ, U. S. P.
Guaza	Cannabis, U. S. P.
Gum Arabic	Acacia, U. S. P.
Gum Asafetida	Asafœtida, U. S. P.
Gum Benjamin	Benzoinum, U. S. P.
Gum Guaiac	Guaiacum, U. S. P.
Gummi Arabicum	Acacia, U. S. P.
Gummiresina Myrrha	Myrrha, U. S. P.
Gum Myrrh	Myrrha, U. S. P.
Gum Senegal	Acacia, U. S. P.
Gum Tragacanth	Tragacantha, U. S. P.
Guttae Pectorales	Tinctura Pectoralis, N. F.
Gutta Percha	Gutta Percha, N. F.
Gutta Percha, Solution of	Liquor Guttæ Perchæ, N. F.
Guy's Pills	Pilulæ Digitalis Scillæ et Hydrargyri, N. F.

Haller's Acid Elixir	Mistura Sulphurica Acida, N. F. III.
Hall's Dinner Pill	Pilulæ Ad Prandium, N. F.
Hall's Solution of Strychnine	Liquor Strychninæ Acetatis, N. F.
Hamamelis Bark	Hamamelidis Cortex, U. S. P. VIII.
Hamamelis Leaves	Hamamelidis Folia, N. F.
Hamamelis Leaves, Fluidextract of	Fluidextractum Hamamelidis Foliorum, N. F.
Hamamelis Water	Aqua Hamamelidis, U. S. P.
Hartshorn Liniment	Linimentum Ammoniæ, U. S. P.
Heavy Liquid Petrolatum	Petrolatum Liquidum, U. S. P.
Heavy Magnesia	Magnesii Oxidum Ponderosum, U. S. P.
Heavy Magnesium Oxide	Magnesii Oxidum Ponderosum, U. S. P.
Hebra's Itch Ointment	Unguentum Sulphuris Compositum, N. F.
Hedeoma	Hedeoma, U. S. P. VIII.
Hedeoma, Oil of	Oleum Hedeomæ, U. S. P. VIII.
Helianthemum	Helianthemum, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Helianthemum, Fluidextract of	Fluidextractum Helianthemi, N. F.
Helonias	Helonias, N. F.
Helonias, Fluidextract of	Fluidextractum Heloniatis, N. F.
Hematoxylon	Hæmatoxylon, N. F.
Hematoxylon, Extract of	Extractum Hæmatoxyli, N. F.
Henbane	Hyoscyamus, U. S. P.
Hen's Egg	Ovum Gallinaceum, N. F.
Herba Cannabis Indicae	Cannabis, U. S. P.
Herba Lobeliae	Lobelia, U. S. P.
Heroinum	Diacetylmorphina, U. S. P.
Heroinum Hydrochloridum	Diacetylmorphinæ Hydrochloridum, U. S. P.
Hexamethylenamine	Hexamethylenamina, U. S. P.
Hexamethylene-tetramine	Hexamethylenamina, U. S. P.
Hexamine, Ph. Brit.	Hexamethylenamine, U. S. P.
High Cranberry Bark	Viburnum Opulus N. F.
Hive Syrup	Syrupus Scillæ Compositus, U. S. P.
Hoffmann's Anodyne	Spiritus Ætheris Compositus, N. F.
Hoffmann's Drops	Spiritus Ætheris, U. S. P.
Homatropine Bromide	Homatropinæ Hydrobromidum, U. S. P.
Homatropine Hydrobromide	Homatropinæ Hydrobromidum, U. S. P.
Homatropinum Hydrobromicum	Homatropinae Hydrobromidum, U. S. P.
Honey	Mel, U. S. P.
Honey and Borax	Mel Sodii Boratis, N. F.
Honey, Clarified	Mel Depuratum, U. S. P.
Honey of Rose	Mel Rosæ, U. S. P.
Honey of Rose with Borax	Mel Rosæ cum Sodii Boratis, N. F.
Honey of Rose with Sodium Borate	Mel Rosæ cum Sodii Boratis, N. F.
Honey of Sodium Borate	Mel Sodii Boratis, N. F.
Hope's Mixture	Mistura Camphoræ Acida, N. F.
Hops	Humulus, U. S. P.
Hops, Elixir of	Elixir Humuli, N. F.
Hops, Fluidextract of	Fluidextractum Humuli, N. F.
Hops, Tincture of	Tinctura Humuli, N. F.
Horse-nettle Berries	Solanum, N. F.
Hot Drops	Tinctura Capsici et Myrrhæ, N. F.
Humanized milk	Lac Humanisatum, N. F. III.
Humanizing Milk Powder	Pulvis Pro Lacte Humanisato, N. F. III.
Huxham's Tincture	Tinctura Cinchonæ Composita, U. S. P.
Hydrangea	Hydrangea, N. F.
Hydrangea, Fluidextract of	Fluidextractum Hydrangeæ, N. F.
Hydrargyri Unguentum P. I	Unguentum Hydrargyri Dilutum, U. S. P.
Hydrargyrum Bichloratum	Hydrargyri Chloridum Corrosivum.
Hydrargyrum Bijodatum	Hydrargyri Iodidum Rubrum, U. S. P.
Hydrargyrum Iodatum Flavum	Hydrargyri Iodidum Flavum, U. S. P.
Hydrargyrum Chloratum	Hydrargyri Chloridum Mite, U. S. P.
Hydrargyrum Oxydatum Flavum	Hydrargyri Oxidum Flavum, U. S. P.
Hydrargyrum Oxydatum Rubrum	Hydrargyri Oxidum Rubrum, U. S. P.
Hyrargyrum Precipitatum Album	Hydrargyrum Ammoniatum, U. S. P.
Hydras Chloralicus	Chloralum Hydratum, U. S. P.
Hydras Kalicus	Potassii Hydroxidum, U. S. P.
Hydras Natricus	Sodii Hydroxidum, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Hydras Terpicus	Terpini Hydras, U. S. P.
Hydrastine	Hydrastina, U. S. P.
Hydrastine Chloride	Hydrastinæ Hydrochloridum, U. S. P.
Hydrastine Hydrochloride	Hydrastinæ Hydrochloridum, U. S. P.
Hydrastine, Compound Solution of	Liquor Hydrastinæ Compositus, N. F.
Hydrastinine Chloride	Hydrastininæ Hydrochloridum, U. S. P.
Hydrastinine Hydrochloride	Hydrastininæ Hydrochloridum, U. S. P.
Hydrastininum Hydrochloricum	Hydrastininæ Hydrochloridum, U. S. P.
Hydrastis	Hydrastis, U. S. P.
Hydrastis, Extract of	Extractum Hydrastis, U. S. P.
Hydrastis, Fluidextract of	Fluidextractum Hydrastis, U. S. P.
Hydrastis, Glycerite of	Glyceritum Hydrastis, U. S. P.
Hydrastis, Tincture of	Tinctura Hydrastis, U. S. P.
Hydrated Chloral	Chloralum Hydratum, U. S. P.
Hydrated Oxide of Bismuth	Bismuthi Oxidum Hydratum, N. F. III.
Hydratocarbonas Magnesicus	Magnesii Carbonas, U. S. P.
Hydriodic Acid, Diluted	Acidum Hydriodicum Dilutum, U. S. P.
Hydriodic Acid, Syrup of	Syrupus Acidi Hydiodici, U. S. P.
Hydrobromic Acid, Diluted	Acidum Hydrobromicum Dilutum, U. S. P.
Hydrochloric Acid	Acidum Hydrochloricum, U. S. P.
Hydrochloric Acid, Diluted	Acidum Hydrochloricum Dilutum, U. S. P.
Hydrochloric Solution of Arsenic	Liquor Acidi Arsenosi, U. S. P.
Hydrocyanic Acid, Diluted	Acidum Hydrocyanicum Dilutum, U. S. P.
Hydrogen Dioxide, Solution of	Liquor Hydrogenii Dioxidi, U. S. P.
Hydrogenium Hyperoxydatum Solutum	Liquor Hydrogenii Dioxidi, U. S. P.
Hydrous Wool-Fat	Adeps Lanæ Hydrosus, U. S. P.
Hydroxide, Aluminum	Alumini Hydroxidum, U. S. P.
Hyoscine Hydrobromide	Scopolaminæ Hydrobromidum, U. S. P.
Hyoscyami Extractum P. I	Extractum Hyoscyami, U. S. P.
Hyoscyamine Bromide	Hyoscyaminæ Hydrobromidum, U. S. P.
Hyoscyamine Hydrobromide	Hyoscyaminæ Hydrobromidum, U. S. P.
Hyoscyamine Sulphate	Hyoscyaminæ Sulphas, U. S. P. VIII.
Hyoscyami Tinctura P. I	Tinctura Hyoscyami, U. S. P.
Hyocyamus	Hyoscyamus, U. S. P.
Hyoscyamus, Compound Oil of	Oleum Hyoscyami Compositum, N. F.
Hyoscyamus, Extract of	Extractum Hyoscyami, U. S. P.
Hyoscyamus, Fluidextract of	Fluidextractum Hyoscyami, U. S. P.
Hyoscyamus, Tincture of	Tinctura Hyoscyami, U. S. P.
Hypermanganas Kalicus	Potassii Permanganas, U. S. P.
Hypodermic Solution of Morphine	Liqour Morphinæ Hyperdermicus, N. F. III.
Hypophosphis Calcicus	Calcii Hypophosphis, U. S. P.
Hypophosphis Kalicus	Potassii Hypophosphis, U. S. P.
Hypophosphite of Iron	Ferri Hypophosphis, N. F. III.
Hypophosphites, Compound Solution of	Liquor Hypophosphitum Compositus, N. F.
Hypophosphites, Compound Syrup of	Syrupus Hypophosphitum Compositus N. F.
Hypophosphites, Elixir of	Elixir Hypophosphitum, N. F.
Hypophosphites, Solution of	Liquor Hypophosphitum, N. F.
Hypophosphites, Syrup of	Syrupus Hypophosphitum, U. S. P.
Hypophosphites with Iron, Elixir of	Elixir Hypophosphitum et Ferrii, N. F.
Hypophosphorous Acid	Acidum Hypophosphorosum, N. F. III.
Hypophosphorous Acid, Diluted	Acidum Hypophosphorosum Dilutum, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Hypophysis, Desiccated	Hypophysis Sicca, U. S. P.
Hypophysis, Solution of	Liquor Hypophysis, U. S. P.
Ichthyol Paste, Unna	Pasta Ichthyoli, Unna, N. F. III.
Ignatia	Ignatia, N. F.
Ignatia Amara	Ignatia, N. F.
Ignatia, Extract of	Extractum Ignatiæ, N. F.
Ignatia, Tincture of	Tinctura Ignatiæ, N. F.
Indian Berry	Cocculus Indicus, N. F.
Indian Pink	Spigelia, U. S. P.
Indian Tobacco	Lobelia, U. S. P.
Indigo Carmine	Sodii Indigotindisulphonas, U. S. P.
Infused Oils	Olea Infusa, N. F.
Infusions	Infusa, U. S. P.
Infusion of Brayera	Infusum Brayeræ, N. F.
Infusion of Cinchona	Infusum Cinchonæ, N. F.
Infusion of digitalis	Infusum Digitalis, U. S. P.
Infusion of Gentian, Compound	Infusum Gentianæ Conpositum, N. F.
Infusion of Gentian, Stronger Compound.	Infusum Gentianæ Compositum Fortius, N. F. III.
Infusion of Rose, Compound	Infusum Rosæ Compositum, N. F. III.
Infusion of senna, Compound	Infusum Sennæ Compositum, U. S. P.
Infusion of Wild Cherry	Infusum Pruni Virginianæ, N. F.
Infusorial Earth, Purified	Terra Silicea Purificata, U. S. P.
Inula	Inula, N. F.
Inunction. (See under Menthol.)	
Iodine	Iodum, U. S. P.
Iodine Caustic	Liqour Iodi Causticus, N. F. III.
Iodine, Compound Solution of	Liquor Iodi Compositus, U. S. P.
Iodine, Decolorized Tincture of	Tinctura Iodi Decolorata, N. F.
Iodine Liniment	Linimentum Iodi, N. F. III.
Iodine Ointment	Unguentum Iodi, U. S. P.
Iodine Petrox. 5 per cent	Petroxolinum Iodi Dilutum, N. F.
Iodine Petrox, 10 per cent	Petroxolinum Iodi, N. F.
Iodine Petroxolin	Petroxolinum Iodi, N. F.
Iodine, Phenolated Solution of	Liquor Iodi Phenolatus, N. F.
Iodine, Stronger Tincture of	Tinctura Iodi Fortior, N. F.
Iodine, Tincture of	Tinctura Iodi, U. S. P.
Iodized Carbolic Acid	Phenolum Iodatum, N. F.
Iodized Phenol	Phenolum Iodatum, N. F.
Iodized Starch	Amylum Iodatum, N. F. III.
Iodoform	Iodoformum, U. S. P.
Iodoform, Aromatized	Iodoformum Aromatisatum, N. F.
Iodoform Collodion	Collodium Iodoformi, N. F.
Iodoform, Compound Powder	Pulvis Iodoformi Compositus, N. F. III.
Iodoform Glycerogelatin	Glycerogelatinum Iodoformi, N. F.
Iodoformium	Iodoformum, U. S. P.
Iodoform Ointment	Unguentum Iodoformi, U. S. P.
Iodoform Petrox	Petroxolinum Iodoformi, N. F.
Iodoform Petroxolin	Petroxolinum Iodoformi, N. F.
Iodol	Iodolum, U. S. P. VIII.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Iodo-tannin, Syrup of	Syrupus Iodotannicus, N. F.
Iodum	Iodum, U. S. P.
Ipecac	Ipecacuanha, U. S. P.
Ipecac and Opium, Powder of	Pulvis Ipecacuanhæ et Opii, U. S. P.
Ipecac and Opium, Tincture of	Tinctura Ipecacuanhæ et Opii, N. F.
Ipecac and Opium, Syrup of	Syrupus Ipecacuanhæ et Opii, N. F.
Ipecac, Fluidextract of	Fluidextractum Ipecacuanhæ, U. S. P.
Ipecac, Syrup of	Syrupus Ipecacuanhæ, U. S. P.
Ipecac, Troches of	Trochisci Ipecacuanhæ, N. F. III.
Ipecac, Troches of Morphine and	Trochisci Morphinæ et Ipecacuanhæ, N. F. III.
Ipecacuanhae	Radix Ipecacuanhæ, U. S. P.
Ipaec, Wine of	Vinum Ipecacuanhæ, N. F.
Iris, Extract of	Extractum Iridis, N. F. III.
Iris Versicolor, Fluidextract of	Fluidextractum Iris Versicoloris, N. F.
Irish Moss	Chondrus, U. S. P.
Irish Moss Gelatin	Gelatinum Chondri, N. F.
Iron	Ferrum, U. S. P.
Iron and Ammonium Acetate, Solution of.	Liquor Ferri et Ammonii Acetatis, U. S. P.
Iron and Ammonium Citrate	Ferri et Ammonii Citras, U. S. P.
Iron and Ammonium Tartrate	Ferri et Ammonii Tartras, U. S. P. VIII.
Iron and Manganese Iodides, Syrup of	Syrupus Ferri et Mangani Iodidi, N. F.
Iron and Potassium Tartrate	Ferri et Potassii Tartras, U. S. P. VIII.
Iron and Quinine Citrate	Ferri et Quininæ Citras, U. S. P.
Iron and Strychnine Citrate	Ferri et Strychninæ Citras, U. S. P. VIII.
Iron, Bitter Wine of	Vinum Ferri Amarum, N. F.
Iron by Hydrogen	Ferrum Reductum, U. S. P.
Iron, Compound Pills of	Pilulæ Ferri Compositæ, N. F. III.
Iron Lactate	Ferri Lactas, N. F.
Iron Lactate, Elixir of	Elixir Ferri Lactatis, N. F.
Iron Lactophosphate, Syrup of	Syrupus Ferri Lactophosphatis, N. F.
Iron Mixture, Compound	Mistura Ferri Composita, N. F.
Iron Perchloride	Ferri Chloridum, U. S. P.
Iron, Pills of. (See under Pills of.)	
Iron Plaster	Emplastrum Ferri, N. F. III.
Iron Proto-Sulphate	Ferri Sulphas, U. S. P.
Iron, Reduced	Ferrum Reductum, U. S. P.
Iron, Quinine, and Strychnine, Elixir of.	Elixir Ferri Quininæ et Strychninæ, N. F.
Iron, Quinine and Strychnine, Syrup of the Phosphates of.	Syrupus Ferri Quininæ et Strychninæ Phosphatum, N. F.
Iron, Syrup of Arsenate	Syrupus Ferri Arsenatis, N. F. III.
Iron, Syrup of Soluble Saccharated	Syrupus Ferri Saccharati Solubilis, N. F.
Iron, Troches of	Trochisci Ferri, N. F. III.
Iron, Wine of	Vinum Ferri, N. F.
Isotonic Salt Solution	Liquor Sodii Chloridi Physiologicus, U. S. P.
Jaborandi	Pilocarpus, U. S. P.
Jackson's Pectoral Syrup	Syrupus Morphinæ et Acaciæ, N. F.
Jalap	Jalapa, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Jalap, Compound Powder of	Pulvis Jalapæ Compositus, U. S. P.
Jalap, Compound Tincture of	Tinctura Jalapæ Composita, N. F.
Jalap, Extract of	Extractum Jalapæ, N. F.
Jalap, Fluid extract of	Fluidextractum Jalapæ. N. F.
Jalap, Resin of	Resina Jalapæ, U. S. P.
Jalap, Tincture of	Tinctura Jalapæ, N. F.
James' Powder	Pulvis Antimonialis, N. F.
Jamestown Weed	Stramonium, U. S. P.
Janeway's Pills	Pilulæ Aloes et Podophylli Compositæ, N. F.
Javelle Water	Liquor Potassæ Chlorinatæ, N. F.
Jennerian Vaccine	Virus Vaccinicum, U. S. P.
Jimson Weed	Stramonium, U. S. P.
Jodetum Kalicum	Potassii Iodidum, U. S. P.
Jodetum Natricum	Sodii Iodidum, U. S. P.
Juglans	Juglans, N. F.
Juglans, Extract of	Extractum Juglandis, N. F. III.
Juglans, Fluidextract of	Fluidextractum Juglandis, N. F.
Juniper Berries	Juniper, N. F.
Juniper, Compound Spirit of	Spiritus Juniperi Compositus, U. S. P.
Juniper, Fluidextract of	Fluidextractum Juniperi, N. F.
Juniper Oil	Oleum Juniperi, U. S. P.
Juniper, Spirit of	Spiritus Juniperi, U. S. P.

Kali Causticum Fusum	Potassii Hydroxidum, U. S. P.
Kalium Bicarbonicum	Potassii Bicarbonas, U. S. P.
Kalium Bitartaricum	Potassii Bitartras, U. S. P.
Kalium Bromatum	Potassii Bromidum, U. S. P.
Kalium Carbonicum	Potassii Carbonas, U. S. P.
Kalium Chloricum	Potassii Chloras, U. S. P.
Kalium Jodatum	Potassii Iodidum, U. S. P.
Kalium Natrio-tartaricum	Potassii et Sodii Tartras. U. S. P.
Kalium Nitricum	Potassii Nitras, U. S. P.
Kalium Permanganicum	Potassii Permanganas, U. S. P.
Kaolin	Kaolinum, U. S. P.
Kaolin, Cataplasm of	Cataplasma Kaolini, N. F.
Kava	Kava, N. F.
Kava, Fluidextract of	Fluidextractum Kavæ, N. F.
Kava Kava	Kava, N. F.
Kentish's Liniment	Linimentum Terebinthinæ, U. S. P.
Kermes Mineral	Antimonium Sulphuratum, N. F.
Kieselguhr, Purified	Terra Silicea Purificata, U. S. P.
Kino	Kino, U. S. P.
Kino and Opium Compound Powder of	Pulvis Kino et Opii Compositus, N. F.
Kino and Opium, Compound Tincture of	Tinctura Kino et Opii Composita, N. F.
Kino, Tincture of	Tinctura Kino, U. S. P.
Kissingen Salt, Artificial	Sal Kissingense Factitium, N. F.
Kissingen Salt, Effervescent Artificial	Sal Kissingensis Factiti Effervescens, N. F.
Kola	Kola, N. F.
Kola, Fluidextract of	Fluidextractum Kolæ, N. F.
Kousso	Brayera, N. F.
Kousso, Fluidextract of	Fluidextractum Cusso, N. F. III.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Krameria	Krameria, N. F.
Krameria, Extract of	Extractum Krameriæ, N. F.
Krameria, Fluidextract of	Fluidextractum Krameriæ, N. F.
Krameria, Fluidglycerate of	Fluidglyceratum Krameriæ. N. F.
Krameria, Syrup of	Syrupus Krameriæ, N. F.
Krameria, Tincture of	Tinctura Krameriæ, N. F.
Krameria, Troches of	Trochisci Krameriæ, U. S. P. VIII.
Kresolum Crudum	Cresol, U. S. P.
Kreosotum	Creosotum, U. S. P.
Kumyss	Lac Fermentatum, N. F.

Labarraque's Solution	Liquor Sodæ Chlorinatæ, U. S. P.
Lac Sulphuris	Sulphur Præcipitatum, U. S. P.
Lactic Acid	Acidum Lacticum, U. S. P.
Lactose	Saccharum Lactis, U. S. P.
Lactucarium	Lactucarium, U. S. P.
Lactucarium, Tincture of	Tinctura Lactucarii, U. S. P.
Lactucarium, Syrup of	Syrupus Lactucarii, U. S. P.
Lady Slipper Root	Cypripedium, N. F.
Lady Webster's Dinner Pill	Pilulæ Aloes et Mastiches, N. F. (See also Pilulæ Ad Prandium, N. F.)
Lafayette Mixture	Mistura Copaibæ, N. F.
Lamotte's Drops	Tinctura Ferri Chloridi Ætherea, N. F.
Lancaster Black Drop	Acetum Opii, N. F.
Lanolinum	Adeps Lanæ Hydrosus, U. S. P.
Lapis Calaminaris	Calamina Præparata, N. F.
Lappa	Lappa, N. F.
Lappa, Fluidextract of	Fluidextractum Lappæ, N. F.
Larch Agaric	Agaricus, N. F.
Larch Turpentine	Terebinthinæ Laricis, N. F.
Lard	Adeps, U. S. P.
Lard, Benzoinated	Adeps Benzoinatus, U. S. P.
Lard Oil	Oleum Adipis, U. S. P. VIII.
Larkspur Seed	Delphinium, N. F.
Larkspur, Tincture of	Tinctura Delphinii, N. F.
Lassar's Mild Resorcinol Paste	Pasta Resorcinolis Mitis, N. F.
Lassar's Naphthol Paste	Pasta Betanaphtholis, N. F.
Lassar's Stronger Resorcinol Paste	Pasta Resorcinolis Fortis, N. F.
Lassar's Zinc Paste	Pasta Zinci, N. F.
Lavender, Compound Tincture of	Tinctura Lavandulæ Composita, U. S. P.
Lavender Flowers, Oil of	Oleum Lavandulæ Florum, U. S. P. VIII.
Lavender, Oil of	Oleum Lavandulæ, U. S. P.
Lavender, Spirit of	Spiritus Lavandulæ, U. S. P.
Laxative Pills after Confinement	Pilulæ Laxativæ Post Partum, N. F.
Laxative Species	Species Laxativæ, N. F.
Lead Acetate	Plumbi Acetas, U. S. P.
Lead and Opium, Lotion of	Lotio Plumbi et Opii, N. F.
Lead and Opium Wash	Lotio Plumbi et Opii, N. F.
Lead Carbonate	Plumbi Carbonas, N. F.
Lead Iodide	Plumbi Iodidum, N. F.
Lead Iodidie, Ointment of	Unguentum Plumbi Iodidi, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Lead Nitrate	Plumbi Nitras, U. S. P. VIII.
Lead Oxide	Plumbi Oxidum, U. S. P.
Lead Plaster	Emplastrum Plumbi, U. S. P.
Lead Subacetate, Cerate of	Ceratum Plumbi Subacetatis, N. F.
Lead Subacetate, Diluted Solution of	Liquor Plumbi Subacetatis Dilutis, U. S. P.
Lead Subacetate, Liniment of	Linimentum Plumbi Subacetatis N. F. III.
Lead Subacetate, Solution of	Liquor Plumbi Subacetatis, U. S. P.
Lead Water	Liquor Plumbi Subacetatis Dilutus, U. S. P.
Lemon Juice	Limonis Succus, U. S. P. VIII.
Lemon Oil	Oleum Limonis, U. S. P.
Lemon Peel	Limonis Cortex, U. S. P.
Lemon Peel, Tincture of	Tinctura Limonis Corticis, U. S. P.
Lemon, Spirit of	Spiritus Limonis, N. F. III.
Leptandra	Leptandra, N. F.
Leptandra, Extract of	Extractum Leptandræ, N. F.
Leptandra, Fluid extract of	Fluid extractum Leptandræ, N. F.
Licorice	Glycyrrhiza, U. S. P.
Life Root	Senecio, N. F.
Light Liquid Petrolatum	Petrolatum Liquidum, U. S. P.
Light Magnesia	Magnesii Oxidum, U. S. P.
Lignum Quassiae	Quassia, U. S. P.
Lignum Santali Rubrum	Santalum Rubrum, U. S. P.
Lignum Vitae	Guaiaci Lignum, N. F.
Lily-of-the-Valley Flowers	Convallariæ Flores, N. F.
Lily-of-the-Valley Root	Convallariæ Radix, N. F.
Lime	Calx, U. S. P.
Lime, Chlorinated Oxide of	Calx Chlorinata, U. S. P.
Lime Juice	Succus Citri, N. F.
Lime Juice and Pepsin	Succus Citri et Pepsinum, N. F.
Lime Liniment	Linimentum Calcis, U. S. P.
Lime, Soda With	Soda cum Calce, N. F.
Lime Water	Liquor Calcis, U. S. P.
Liniment, Ammonia	Linimentum Ammoniæ, U. S. P.
Liniment, Belladonna	Linimentum Belladonnæ, U. S. P.
Liniment, Camphor	Linimentum Camphoræ, U. S. P.
Liniment, Cantharides	Linimentum Cantharides, N. F. III.
Liniment, Chloroform	Linimentum Chloroformi, U. S. P.
Liniment, Iodine	Linimentum Iodi, N. F. III.
Liniment, Lime	Linimentum Calcis, U. S. P.
Liniment of Aconite and Chloroform	Linimentum Aconiti et Chloroformi, N. F.
Liniment of Ammonium Iodide	Linimentum Ammonii Iodidi, N. F.
Liniment of Croton Oil	Linimentum Tiglii, N. F.
Liniment of Lead Subacetate	Linimentum Plumbi Subacetatis, N. F. III.
Liniment of Soft Soap	Linimentum Saponis Mollis, U. S. P.
Liniment of Soft Soap, Compound	Linimentum Saponis Mollis, Compositum, N. F.
Liniment, Soap	Linimentum Saponis, U. S. P.
Liniment, Turpentine	Linimentum Terebinthinæ, U. S. P.
Linimentum Album	Linimentum Terebinthinæ Aceticum, N. F.
Linimentum Ammoniatum	Linimentum Ammoniæ, U. S. P.
Linimentum Crotonis	Linimentum Tiglii, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Linimentum Saponato-camphoratum Liquidum.	Linimentum Saponis, U. S. P.
Linseed	Linum, U. S. P.
Linseed Oil	Oleum Lini, U. S. P.
Liquefied Carbolic Acid	Phenol Liquefactum, U. S. P.
Liquefied Phenol	Phenol Liquefactum, U. S. P.
Liquid Apiol	Oleoresina Petroselini, U. S. P.
Liquid Glucose	Glucosum, N. F.
Liquid Opodeldoc	Linimentum Saponis, U. S. P.
Liquid Petrolatum	Petrolatum Liquidum, U. S. P.
Liquid Petrox	Petroxolinum Liquidum, N. F.
Liquid Petroxolin	Petroxolinum Liquidum.
Liquid Rennet	Liquor Seriparus, N. F. III.
Liquid Storax	Styrax, U. S. P.
Liquor Ammonii Anisatus	Spiritus Ammonii Anisatus, N. F.
Liquor Arseni Bromidi	Liquor Potassii Arsenatis et Bromidi, N. F. III.
Liquor Arsenicalis, P. I.	Liquor Potassii Arsenitis, U. S. P.
Liquor Arseniitis Kalici	Liquor Potassii Arsenitis, U. S. P.
Liquor Burowii	Liquor Alumini Acetatis Crudus, N. F.
Liquor Cresoli Saponatus	Liquor Cresolis Compositus, U. S. P.
Liquor Ferri Sesquichlorati	Liquor Ferri Chloridi, U. S. P.
Liquorice Root	Glycyrrhiza, U. S. P.
Liquor Iodi Carbolatus, N. F. III	Liquor Iodi Phenolatus, N. F.
Liquor Kali Caustici	Liquor Potassii Hydroxidi, U. S. P.
Liquor Kalii Arsenicosi P. I	Liquor Potassii Arsenitis, U. S. P.
Liquor Natri Caustici	Liquor Sodii Hydroxidi, U. S. P.
Liquor Potassæ	Liquor Potassii Hydroxidi, U. S. P.
Liquor Potassae Chloratae	Liquor Potassæ Chlorinatæ, N. F.
Liquor Potassii Arsenatis et Bromidi, N. F. III.	Liquor Arsenicalis, Clemen's, N. F.
Liquor Soda	Liquor Sodii Hydroxidi, U. S. P.
Litharge	Plumbi Oxidum, U. S. P.
Lithium Benzoate	Lithii Benzoas, U. S. P. VIII.
Lithium Bromide	Lithii Bromidum, U. S. P.
Lithium Bromide, Elixir of	Elixir Lithii Bromidi, N. F.
Lithium Carbonate	Lithii Carbonas, U. S. P.
Lithium Carbonicum	Lithii Carbonas, U. S. P.
Lithium Citrate	Lithii Citras, U. S. P.
Lithium Citrate, Effervescent	Lithii Citras Effervescens, N. F.
Lithium Citrate, Elixir of	Elixir Lithii Citratis, N. F.
Lithium Salicylate	Lithii Salicylas, N. F.
Lithium Salicylate, Elixir of	Elixir Lithii Salicylatis, N. F
Liver of Sulphur	Potassa Sulphurata, U. S. P.
Lobelia	Lobelia, U. S. P.
Lobeliae, Tinctura, P. I.	Tinctura Lobeliæ, U. S. P.
Lobelia, Fluidextract of	Fluidextractum Lobeliæ, U. S. P.
Lobelia, Tincture of	Tinctura Lobeliæ, U. S. P.
Lobelia, Vinegar of	Acetum Lobeliæ, N. F. III.
Logwood	Hæmatoxylon, N. F.
London Paste	Soda cum Calce, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Loomis' Diarrhœa Mixture	Misturæ Contra Diarrhœam, N. F. III.
Lotio Ammoniacalis Camphorata	Aqua Sedativa, N. F. III.
Lotion, Astringent	Lotio Adstringens, N. F. III.
Lotion, Black	Lotio Nigra, N. F.
Lotion of Lead and Opium	Lotio Plumbi et Opii, N. F.
Lotion, Yellow	Lotio Flava, N. F.
Lugol's Solution	Liquor Iodi Compositus, U. S. P.
Lunar Caustic	Argenti Nitras, Fusus, U. S. P.
Lupulin	Lupulinum, N. F.
Lupulin, Fluidextract of	Fluidextractum Lupulini, N. F.
Lupulin, Oleoresin of	Oleoresina Lupulini, N. F.
Lycopodium	Lycopodium, U. S. P.
Mace	Macis, N. F.
Macrotys	Cimicifuga, U. S. P.
Maderwort	Absinthium, N. F.
Magendie's Solution of Morphine	Liquor Morphinæ Hypodermicus, N. F. III.
Magnesia	Magnesii Oxidum, U. S. P.
Magnesia, Asafetida and Opium, Mixture	Mistura Magnesiæ Asafœtidæ et Opii, N. F.
Magnesia Magma	Magma Magnesiæ, U. S. P.
Magnesia, Troches of	Trochisci Magnesiæ, N. F. III.
Magnesium Bromide, Solution of	Liquor Magnesii Bromidi, N. F. III.
Magnesium Carbonate	Magnesii Carbonas, U. S. P.
Magnesium Carbonicum	Magnesii Carbonas, U. S. P.
Magnesium Chloride	Magnesii Chloridum, N. F.
Magnesium Citrate, Effervescent	Magnesii Citras, Effervescens, N. F. III.
Magnesium Citrate, Solution of	Liquor Magnesii Citratis, U. S. P.
Magnesium Oxide	Magnesii Oxidum, U. S. P.
Magnesium Oxide, Heavy	Magnesii Oxidum Ponderosum, U. S. P.
Magnesium Oxydatum	Magnesii Oxidum, U. S. P.
Magnesium Sulfuricum	Magnesii Sulphas, U. S. P.
Magnesium Sulphate	Magnesii Sulphas, U. S. P.
Magnesium Sulphate, Effervescent Solution of.	Liquor Magnesii Sulphatis Effervescens, N. F.
Malabar Kino	Kino, U. S. P.
Male Fern	Aspidium, U. S. P.
Male Fern, Oleoresin of	Oleoresina Aspidii, U. S. P.
Mallow Leaves	Malva Folia, N. F.
Malt	Maltum, U. S. P.
Malt and Iron, Elixir of	Elixir Malti et Ferri, N. F. III.
Malt, Extract of	Extractum Malti, U. S. P.
Malt, Fluidextract of	Fluidextractum Malti, N. F. III.
Mandrake	Podophyllum, U. S. P.
Manganese and Sodium Citrate	Mangani et Sodii Citras, N. F.
Manganese Glycerophosphate, Soluble	Mangani Glycerophosphas Solubilis, N. F.
Manganese Hypophosphite	Mangani Hypophosphis, N. F.
Manganese Sulphate	Mangani Sulphas, N. F.
Manganous Glycerinophosphate	Mangani Glycerophosphas Solubilis, N. F.
Manna	Manna, U. S. P.
Manna, Syrup of	Syrupus Mannæ, N. F.
Marigold	Calendula, N. F.
Marrubium	Marrubium, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Marsh Mallow Leaves	Althææ Folia, N. F.
Marsh Mallow Root	Althæa, U. S. P.
Mass of Copaiba	Massa Copaibæ, N. F.
Mass of Ferrous Carbonate	Massa Ferri Carbonatis, U. S. P.
Mass of Mercury	Massa Hydrargyri, U. S. P.
Mastic	Mastiche, N. F.
Matico	Matico, N. F.
Matico, Fluidextract of	Fluidextractum Matico, N. F.
Matico, Tincture of	Tinctura Matico, N. F. III.
Matricaria	Matricaria, U. S. P.
May Apple Rhizome	Podophyllum, U. S. P.
Meadow Anemone	Pulsatilla, N. F.
Medicated Waters	Aquæ, U. S. P. VIII.
Mel Boracis	Mel Sodii Boratis, N. F. IV.
Melilot	Melilotus, N. F.
Menispermum, Fluidextract of	Fluidextractum Menispermi, N. F. III.
Menthol	Menthol, U. S. P.
Menthol, Camphor and	
Menthol, Camphorated	Menthol Camphoratum, N. F.
Menthol Inunction	Inunctum Mentholis, N. F.
Menthol Inunction, Compound	Inunctum Mentholis Compositum, N. F.
Menthol Petrox	Petroxolinum Mentholis, N. F.
Menthol Petroxolin	Petroxolinum Mentholis, N. F.
Menthol Spray	Nebula Mentholis, N. F.
Menthol Spray, Compound	Nebula Mentholis, Composita, N. F.
Menyanthes Leaves	Menyanthes, N. F.
Menyanthes, Fluidextract of	Fluidextractum Menyanthes, N. F. III.
Mercurial Plaster	Emplastrum Hydrargyri, U. S. P. VIII.
Mercurial Ointment	Unguentum Hydrargyri, U. S. P.
Mercurial Ointment, Diluted	Unguentum Hydrargyri Dilutum, U. S. P.
Mercuric Chloride	Hydrargyri Chloridum Corrosivum, U. S. P.
Mercuric Iodide	Hydrargyri Iodidum Rubrum, U. S. P.
Mercuric Nitrate, Ointment of	Unguentum Hydrargyri Nitratis, U. S. P.
Mercuric Nitrate, Solution of	Liquor Hydrargyri Nitratis, N. F.
Mercuric Oxide, Red	Hydrargyri Oxidum Rubrum, U. S. P.
Mercuric Oxide, Yellow	Hydrargyri Oxidum Flavum, U. S. P.
Mercuric Salicylate	Hydrargyri Salicylas, U. S. P.
Mercuric Subsalicylate	Hydrargyri Salicylas, U. S. P.
Mercuric Subsulphate, Yellow	Hydrargyri Subsulphas, Flavus, N. F. III.
Mercurous Chloride	Hydrargyri Chloridum Mite, U. S. P.
Mercurous Chloride and Jalap, Powder of Mild.	Pulvis Hydrargyri Chloridi Mitis et Jalapæ, N. F.
Mercurous Iodide	Hydrargyri Iodidum Flavum, U. S. P.
Mercury	Hydrargyrum, U. S. P.
Mercury and Potassium Iodides, Solution of.	Liquor Hydrargyri et Potassii Iodidi, N. F.
Mercury, Mass of	Massa Hydrargyri, U. S. P.
Mercury, Ointment of Ammoniated	Unguentum Hydrargyri Ammoniati, U. S. P.
Mercury, Oleate of	Oleatum Hydrargyri, U. S. P.
Mercury Petrox	Petroxolinum Hydrargyri, N. F.
Mercury Petroxolin	Petroxolinum Hydrargyri, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Mercury with Chalk	Hydrargyrum cum Creta, U. S. P.
Metadihydroxybenzene	Resorcinol, U. S. P.
Metallic Pills	Pilulæ Ferri, Quininæ, Strychninæ et Arseni Fortiores, N. F.
Metaphosphoric Acid, Diluted	Acidum Metaphosphoricum Dilutum, N. F. III.
Methylene Blue	Methylthioninæ Chloridum, U. S. P.
Methylmorphine	Codeina, U. S. P.
Methyl Salicylate	Methylis Salicylas, U. S. P.
Methyl Salicylate Petrox	Petroxolinum Methylis Salicylatis.
Methyl Salicylate Petroxolin	Petroxolinum Methylis Salicylatis, N. F.
Methyl Sulphonal	Sulphonethylmethanum, U. S. P.
Methylthionine Chloride	Methylthioninæ Chloridum, U. S. P.
Methylthionine Hydrochloride	Methylthioninæ Chloridum, U. S. P.
Methysticum	Kava, N. F.
Metramine	Hexamethylenamina, U. S. P.
Mezereon	Mezereum, U. S. P.
Mezereum	Mezereum, U. S. P.
Mezereum, Fluidextract of	Fluidextractum Mezerei, N. F.
Mezereum Ointment	Unguentum Mezerei, N. F. III.
Mild Mercurous Chloride	Hydrargyri Chloridum Mite, U. S. P.
Mild Pills of Iron, Quinine, Strychnine and Arsenic.	Pilulæ Ferri, Quininæ, Strychninæ et Arseni Mitis, N. F.
Mild Resorcinol Paste	Pasta Resorcinolis Mitis, N. F.
Milk, Cows	Lac Vaccinum, N. F.
Milk, Fermented	Lac Fermentatum, N. F.
Milk, Humanized	Lac Humanisatum, N. F. III.
Milk of Almond	Emulsum Amygdalæ, U. S. P.
Milk of Asafetida	Emulsum Asafœtidæ, U. S. P.
Milk of Bismuth	Magma Bismuthi, U. S. P.
Milk of Magnesia	Magma Magnesiæ, U. S. P.
Milk of Sulphur	Sulphur Præcipitatum, U. S. P.
Milk Powder	Pulvis Pro Lacte Humanisato, N. F. III.
Milk Powder, Humanizing	Pulvis Pro Lacte Humanisato, N. F. III.
Milk Sugar	Saccharum Lactis, U. S. P.
Mistura Ammoniaci	Emulsum Ammoniaci, N. F. III.
Mistura Antidysenterica	Mistura Camphoræ Acida, N. F.
Mistura Astringens et Escharotica, N. F.	Mistura Adstringens, N. F.
Mistura Opii Alkalina	Mistura Opii et Sassafras, N. F.
Mistura Phosphatica	Emulsum Phosphaticum, N. F. III.
Mistura Picis Liquidæ, N. F.	Mistura Olei Picis, N. F.
Mistura Rhei et Sodæ, U. S. P. VIII	Mistura Rhei Composita, N. F.
Mistura Sassafras et Opii, N. F. III	Mistura Opii et Sassafras, N. F.
Mistura Sodæ et Menthæ, N. F. III	Liquor Sodæ et Menthæ, N. F.
Mistura Sodii Citratis	Liquor Sodii Citratis, N. F.
Mistura Solvens Simplex	Mistura Ammonii Chloridi, N. F.
Mitigated Silver Nitrate	Argenti Nitras Mitigatus, U. S. P. VIII.
Mixtura Gummosa	Mistura Acaciæ, N. F. III.
Mixture, Astringent	Mistura Adstringens, N. F.
Mixture, Carminative	Mistura Carminative, N. F.
Mixture, Chalk	Mistura Cretæ, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Mixture, Copaiba	Mistura Copaibæ, N. F.
Mixture of Acacia	Mistura Acaciæ, N. F. III.
Mixture of Ammonium Chloride	Mistura Ammonii Chloridi, N. F.
Mixture of Chloral and Bromide, Compound.	Mistura Chlorali et Potassi Bromidi Composita, N. F.
Mixture of Chloroform and Morphine, Compound.	Mistura Chloroformi et Morphina Composita, N. F.
Mixture of Copaiba and Opium	Mistura Copaibæ et Opii, N. F.
Mixture of Glycyrrhiza, Compound	Mistura Glycyrrhizæ Composita, U. S. P.
Mixture of Guaiac	Mistura Guaiaci, N. F.
Mixture of Magnesia and Asafœtida	Mistura Magnesiæ Asafœtidæ et Opii, N. F.
Mixture of Magnesia, Asafetida and Opium	Mistura Magnesiæ Asafœtidæ et Opii, N. F.
Mixture of Oil of Tar	Mistura Olei Picis, N. F.
Mixture of Opium and Chloroform, Compound.	Mistura Opii et Chloroformi Composita, N. F.
Mixture of Opium and Rhubarb, Compound.	Mistura Opii et Rhei Composita, N. F.
Mixture of Opium and Sassafras	Mistura Opii et Sassafras, N. F.
Mixture of Rhubarb, Alkaline	Mistura Rhei Alkalina, N. F. IV.
Mixture of Rhubarb and Soda	Mistura Rhei Composita, N. F.
Mixture of Rhubarb, Compound	Mistura Rhei Composita, N. F.
Mixture, Oleobalsamic	Mistura Oleo-Balsamica, N. F.
Mixture, Squibb's Diarrhœa	Misturæ Opii et Chloroformi Composita, N. F.
Mixture, Sulphuric Acid	Mistura Sulphurica Acida, N. F. III.
Mixture, Tar	Mistura Oei Picis, N. F.
Monkshood	Aconitum, U. S. P.
Monobromated Camphor	Camphora Monobromata, U. S. P.
Monoethylmorphine Hydrochloride	Æthylmorphinæ Hydrochloridum, U. S. P.
Monohydrated Sodium Carbonate	Sodii Carbonas Monohydratus, U. S. P.
Monsel's Solution	Liquor Ferri Subsulphatis, U. S. P.
Morphine	Morphina, U. S. P.
Morphine Acetate	Morphinæ Acetas, U. S. P. VIII.
Morphine and Acacia, Syrup of	Syrupus Morphinæ et Acaciæ, N. F.
Morphine and Ipecac, Troches of	Trochisci Morphinæ et Ipecacuanhæ, N. F. III.
Morphine Chloride	Morphinæ Hydrochloridum, U. S. P.
Morphine Citrate, Solution of	Liquor Morphinæ Citratis, N. F. III.
Morphine, Compound Syrup of	Syrupus Morphinæ Compositus, N. F. III.
Morphine Hydrochloride	Morphinæ Hydrochloridum, U. S. P.
Morphine, Hypodermic Solution of	Liquor Morphinæ Hypodermicus, N. F. III.
Morphine Sulphate	Morphinæ Sulphas, U. S. P.
Morphine Sulphate, Syrup of	Syrupus Morphinæ Sulphatis, N. F. III.
Morphinum Hydrochloricum	Morphinæ Hydrochloridum, U. S. P.
Morphinum Sulfuricum	Morphinæ Sulphas, U. S. P.
Mother's Salve	Unguentum Fuscum, N. F.
Moulded Silver Nitrate	Argenti Nitras Fusus, U. S. P.
Mucilage of Acacia	Mucilago Acaciæ, U. S. P.
Mucilage of Chondrus	Mucilago Chondri, N. F.
Mucilage of Cydonium	Mucilago Cydonii, N. F. III.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Mucilage of Dextrin	Mucilago Dextrini, N. F. III.
Mucilage of Elm	Mucilago Ulmi, U. S. P. VIII.
Mucilage of Salep	Mucilago Salep, N. F. III.
Mucilage of Sassafras Pith	Mucilago Sassafras Medullæ, N. F.
Mucilage of Tragacanth	Mucilago Tragacanthæ, U. S. P.
Mucilago Gummi Arabici	Mucilago Acaciæ, U. S. P.
Mull, Corrosive Mercuric Chloride	Mulla Hydrargyri Chloridi Corrosivi, N. F.
Mullein Flowers	Verbasci Flores, N. F.
Mullein Leaves	Verbasci Folia, N. F.
Mulls	Mullæ, N. F.
Mull, Salicylated Creosote	Mulla Creosoti Salicylata, N. F.
Mull, Salicylic Acid	Mulla Acidi Salicylici, N. F.
Muriatic Acid	Acidum Hydrochloricum, U. S. P.
Musk	Moschus, U. S. P.
Musk Root	Sumbul, U. S. P.
Musk, Tincture of	Tinctura Moschi, U. S. P.
Mustard, Black	Sinapis, Nigra, U. S. P.
Mustard, Compound Liniment of	Linimentum Sinapis Compositum, N. F.
Mustard Oil	Oleum Sinapis Volatile, U. S. P.
Mustard Paper	Emplastrum Sinapis, U. S. P.
Mustard Plaster	Emplastrum Sinapis, U. S. P.
Mustard, Spirit of	Spiritus Sinapis, N. F.
Mustard, White	Sinapis Alba, U. S. P.
Mutton Suet	Sevum Præparatum, U. S. P.
Myrcia, Compound Spirit of	Spiritus Myrciæ Compositus, N. F.
Myrcia, Oil of	Oleum Myrciæ, N. F.
Myristica	Myristica, U. S. P.
Myristica Oil	Oleum Myristicæ, U. S. P.
Myrrh	Myrrha, U. S. P.
Myrrh, Tincture of	Tinctura Myrrhæ, U. S. P.
Naphthalene	Naphthalenum, U. S. P. VIII.
Naphthalin, Iodoform	Pulvis Iodoformi Compositus, N. F. III.
Naphthol	Betanaphthol, U. S. P.
Naphthol Paste	Pasta Betanaphtholis, N. F.
Naphthol Paste, Lassar's	Pasta Betanaphtholis, N. F.
Naphtholum	Betanaphthol, U. S. P.
Natrium Aceticum	Sodii Acetas, U. S. P.
Natrium Arsenicum, P. I	Sodii Arsenas, U. S. P.
Natrium Benzoicum	Sodii Benzoas, U. S. P.
Natrium Bicarbonicum	Sodii Bicarbonas, U. S. P.
Natrium Bromatum	Sodii Bromidum, U. S. P.
Natrium Carbonicum	Sodii Carbonas Monohydratus, U. S. P.
Natrium Causticum	Sodii Hydroxidum, U. S. P.
Natrium Chloratum	Sodii Chloridum, U. S. P.
Natrium Jodatum	Sodii Iodidum, U. S. P.
Natrium Nitrosum	Sodii Nitris, U. S. P.
Natrium Phosphoricum	Sodii Phosphas, U. S. P.
Natrium Phosphoricum Siccum	Sodii Phosphas Exsiccatus, U. S. P.
Natrium Salicylicum	Sodii Salicylas, U. S. P.
Natrium Sulfuricum	Sodii Sulphas, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Natrium Thiosulphuricum	Sodii Thiosulphas, U. S. P.
Nepeta	Cataria, N. F.
Neutralizing Cordial	Mistura Rhei Alkalina, N. F.
Niemeyer Pills for Dropsy	Pilulæ Digitalis, Scillæ et Hydrargyri, N. F.
Niemeyer Pills for Phthisis	Pilulæ Opii, Digitalis et Quininæ, N. F.
Night Blooming Cereus	Cactus Grandiflorus, N. F.
Nitras Agenticus	Argenti Nitras, U. S. P.
Nitras Kalicus	Potassii Nitras, U. S. P.
Nitric Acid	Acidum Nitricum, U. S. P.
Nitric Acid, Diluted	Acidum Nitricum Dilutum, U. S. P. VIII.
Nitris Amylicus	Amylis Nitris, U. S. P.
Nitrogen Monoxide	Nitrogenii Monoxidum, U. S. P.
Nitrohydrochloric Acid	Acidum Nitrohydrochloricum, U. S. P.
Nitrohydrochloric Acid, Diluted	Acidum Nitrohydrochloricum Dilutum, U. S. P.
Nitromuriatic Acid	Acidum Nitrohydrochloricum, U. S. P.
Nitromuriatic Acid, Diluted	Acidum Nitrohydrochloricum, Dilutum, U. S. P.
Nitrous Ether, Spirit of	Spiritus Ætheris, U. S. P.
Nitrous Oxide	Nitrogenii Monoxidum, U. S. P.
Normal Saline Solution	Liquor Sodii Chloridi Physiologicus, U. S. P.
Normal Salt Solution	Liquor Sodii Chloridi Physiologicus, U. S. P.
Nutgall	Galla, U. S. P.
Nutgall Ointment	Unguentum Gallæ, U. S. P.
Nutgall, Tincture of	Tinctura Gallæ, N. F.
Nutmeg	Myristica, U. S. P.
Nutmeg, Spirit of	Spiritus Myristicæ, N. F. III.
Nux Vomica	Nux Vomica, U. S. P.
Nux Vomica, Extract of	Extractum Nucis Vomicæ, U. S. P.
Nux Vomica, Fluidextract of	Fluidextractum Nucis Vomicæ, U. S. P.
Nux Vomica, Tincture of	Tinctura Nucis Vomicæ, U. S. P.
Oak Bark, White	Quercus, N. F.
Oil, Castor	Oleum Ricini, U. S. P.
Oil, Cod Liver	Oleum Morrhuæ, U. S. P.
Oil, Cottonseed	Oleum Gossypii Seminis, U. S. P.
Oil, Croton	Oleum Tiglii, U. S. P.
Oil, Ethereal	Oleum Æthereum, N. F.
Oil, Linseed	Oleum Lini, U. S. P.
Oil of Allspice	Oleum Pimentæ, U. S. P.
Oil of Almond, Expressed	Oleum Amygdalæ Expressum, U. S. P.
Oil of American Wormseed	Oleum Chenopodii, U. S. P.
Oil of Anise	Oleum Anisi, U. S. P.
Oil of Bay	Oleum Myrciæ, N. F.
Oil of Bergamot	Oleum Bergamottæ, N. F.
Oil of Bitter Almond	Oleum Amygdalæ Amaræ, U. S. P.
Oil of Bitter Orange	Oleum Aurantii Amari, N. F.
Oil of Cade	Oleum Cadinum, U. S. P.
Oil of Cajuput	Oleum Cajuputi, U. S. P.
Oil of Caraway	Oleum Cari, U. S. P.
Oil of Cardamom	Oleum Cardamomi, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Oil of Chenopodium	Oleum Chenopodii, U. S. P.
Oil of Cinnamon	Oleum Cassiæ, U. S. P.
Oil of Clove	Oleum Caryophylli, U. S. P.
Oil of Copaiba	Oleum Copaibæ, U. S. P. VIII.
Oil of Coriander	Oleum Coriandri, U. S. P.
Oil of Cubeb	Oleum Cubebæ, U. S. P.
Oil of Dwarf Pine Needles	Oleum Pini Pumilionis, U. S. P.
Oil of Erigeron	Oleum Erigerontis, U. S. P. VIII.
Oil of Eucalyptus	Oleum Eucalypti, U. S. P.
Oil of Fennel	Oleum Foeniculi, U. S. P.
Oil of Flaxseed	Oleum Lini, U. S. P.
Oil of Hedeoma	Oleum Hedeomæ, U. S. P. VIII.
Oil of Hyoscyamus, Compound	Oleum Hyoscyami Compositum, N. F.
Oil of Juniper	Oleum Juniperi, U. S. P.
Oil of Juniper Berries	Oleum Juniperi, U. S. P.
Oil of Juniper Tar	Oleum Cadinum, U. S. P.
Oil of Lavender	Oleum Lavandulæ, U. S. P.
Oil of Lavender Flowers	Oleum Lavandulæ Florum, U. S. P. VIII.
Oil of Lemon	Oleum Limonis, U. S. P.
Oil of Myrcia	Oleum Myrciæ, N. F.
Oil of Myristica	Oleum Myristicæ, U. S. P.
Oil of Mustard, Volatile	Oleum Sinapis Volatile, U. S. P.
Oil of Neroli	Oleum Aurantii Florum, N. F.
Oil of Nutmeg	Oleum Myristicæ, U. S. P.
Oil of Orange	Oleum Aurantii, U. S. P.
Oil of Orange Flowers	Oleum Aurantii Florum, N. F.
Oil of Peppermint	Oleum Menthæ Piperitæ, U. S. P.
Oil of Pimenta	Oleum Pimentæ, U. S. P.
Oil of Rose	Oleum Rosæ, U. S. P. VIII.
Oil of Rosemary	Oleum Rosmarini, U. S. P.
Oil of Sandalwood	Oleum Santali, U. S. P.
Oil of Santal	Oleum Santali, U. S. P.
Oil of Sassafras	Oleum Sassafras, U. S. P.
Oil, Sesame	Oleum Sesami, U. S. P.
Oil of Savin	Oleum Sabinæ, U. S. P. VIII.
Oil of Spearmint	Oleum Menthæ Viridis, U. S. P.
Oil of Star Anise	Oleum Anisi, U. S. P.
Oil of Sweet Almond	Oleum Amygdalæ Expressum, U. S. P.
Oil of Sweet Birch	Methylis Salicylas, U. S. P.
Oil of Sweet Orange	Oleum Aurantii, U. S. P.
Oil of Tar, Mixture of	Mistura Olei Picis, N. F.
Oil of Tar, Rectified	Oleum Picis Liquidæ Rectificatum, U. S. P.
Oil of Teaberry	Methylis Salicylas, U. S. P.
Oil of Theobroma	Oleum Theobromatis, U. S. P.
Oil of Thyme	Oleum Thymi, U. S. P.
Oil of Turpentine	Oleum Terebinthinæ, U. S. P.
Oil of Turpentine, Emulsion of	Emulsum Olei Terebinthinæ, U. S. P.
Oil of Turpentine, Rectified	Oleum Terebinthinæ Rectificatum, U. S. P.
Oil of Wintergreen	Methylis, Salicylas, U. S. P.
Oil, Olive	Oleum Olivæ, U. S. P.
Oil, Phenolated	Oleum Phenolatum, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Oil, Phosphorated, N. F.	Oleum Phosphoratum, N. F.
Oils, Infused	Olea Infusa, N. F.
Oil-Sugars	Oleosacchara, N. F.
Ointment	Unguentum, U. S. P.
Ointment. Alkaline Sulphur	Unguentum Sulphuris Alkalinum, N. F.
Ointment, Belladonna	Unguentum Belladonnæ, U. S. P.
Ointment, Brown	Unguentum Fuscum, N. F.
Ointment, Calamine	Unguentum Calaminæ, N. F.
Ointment, Camphor	Unguentum Camphoræ, N. F.
Ointment, Chrysarobin	Unguentum Chrysarobini, U. S. P.
Ointment, Compound Resorcinol	Unguentum Resorcinolis Compositum, N. F.
Ointment, Compound Sulphur	Unguentum Sulphuris Compositum, N. F.
Ointment, Compound Tar	Unguentum Picis Compositum, N. F.
Ointment, Diachylon	Unguentum Diachylon, U. S. P.
Ointment, Diluted Mercurial	Unguentum Hydrargyri Dilutum, U. S. P.
Ointment, Iodine	Unguentum Iodi, U. S. P.
Ointment Idoform	Unguentum Iodoformi, U. S. P.
Ointment Mercurial	Unguentum Hydrargyri, U. S. P.
Ointment, Nutgall	Unguentum Gallæ, U. S. P.
Ointment of Ammoniated Mercury	Unguentum Hydrargyri Ammoniati, U. S. P.
Ointment of Boric Acid	Unguentum Acidi Borici, U. S. P.
Ointment of Carbolic Acid	Unguentum Phenolis.
Ointment of Gallic Acid	Unguentum Acidi Gallici, N. F. III.
Ointment of Lead Carbonate	Unguentum Plumbi Carbonatis, N. F. III.
Ointment of Lead Iodide	Unguentum Plumbi Iodidi, N. F.
Ointment of Mercuric Nitrate	Unguentum Hydrargyri Nitratis, U. S. P.
Ointment of Red Mercuric Oxide	Unguentum Hydrargyri Oxidi Rubri, N. F.
Ointment of Phenol	Unguentum Phenolis, U. S. P.
Ointment of Potassium Iodide	Unguentum Potassii Iodidi, N. F.
Ointment of Rose Water	Unguentum Aquæ Rosæ, U. S. P.
Ointment of Tannic Acid	Unguentum Acidi Tannici, U. S. P.
Ointment of Yellow Mercuric Oxide	Unguentum Hydrargyri Oxidi Flavi, U. S. P.
Ointment of Zinc Oxide	Unguentum Zinci Oxidi, U. S. P.
Ointment of Zinc Stearate	Unguentum Zinci Stearatis, N. F.
Ointment, Stramonium	Unguentum Stramonii, U. S. P.
Ointment, Sulphur	Unguentum Sulphuris, U. S. P.
Ointment, Tar	Unguentum Picis Liquidæ, U. S. P.
Ointment, Veratrine	Unguentum Veratrinæ, N. F.
Oleate of Aconitine	Oleatum Aconitinæ, N. F.
Oleate of Atropine	Oleatum Atropinæ, N. F.
Oleate of Cocaine	Oleatum Cocainæ, N. F.
Oleate of Mercury	Oleatum Hydrargyri, U. S. P.
Oleate of Quinine	Oleatum Quininæ, N. F.
Oleate of Veratrine	Oleatum Veratrinæ, N. F.
Oleate of Zinc	Oleatum Zinci, N. F. III.
Oleic Acid	Acidum Oleicum, U. S. P.
Oleo-Balsamic Mixture	Mistura Oleo-Balsamica, N. F.
Oleoresin of Aspidium	Oleoresina Aspidii, U. S. P.
Oleoresin of Capsicum	Oleoresina Capsici, U. S. P.
Oleoresin of Cubeb	Oleoresina Cubebæ, U. S. P.
Oleoresin of Ginger	Oleoresina Zingiberis, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Oleoresin of Lupulin	Oleoresina Lupulini, N. F.
Oleoresin of Male Fern	Oleoresina Aspidii, U. S. P.
Oleoresin of Parsley Fruit	Oleoresina Petroselini, U. S. P.
Oleoresin of Pepper	Oleoresina Piperis, U. S. P.
Oleo-Stearate of Zinc	Zinci-Oleo Stearas, N. F. III.
Oleum Amygdalarum	Oleum Amygdalæ Expressum, U. S. P.
Oleum Aurantii Corticis, U. S. P. VIII	Oleum Aurantii, U. S. P.
Oleum Betulæ, U. S. P. VIII	Methylis Salicylas, U. S. P.
Oleum Cacao	Oleum Theobromatis, U. S. P.
Oleum Camphoratum	Linimentum Camphoræ, U. S. P.
Oleum Carbolatum, N. F. III	Oleum Phenolatum, N. F.
Oleum Carvi	Oleum Cari, U. S. P.
Oleum Crotonis	Oleum Tiglii, U. S. P.
Oleum Gaultheriæ, U. S. P. VIII	Methylis Salicylas, U. S. P.
Oleum Jecoris Aselli	Oleum Morrhuæ, U. S. P.
Oleum Juniperi Empyreumaticum	Oleum Cadinum, U. S. P.
Oleum Lavendulæ Florum, U. S. P. VIII.	Oleum Lavendulæ, U. S. P.
Oleum Olivarum	Oleum Olivæ, U. S. P.
Oleum Rusci Rectificatum	Oleum Betulæ Empyreumaticum Rectificatum, N. F.
Oleum Sinapis Aethereum	Oleum Sinapis Volatile, U. S. P.
Olive Oil	Oleum Olivæ, U. S. P.
Ophthalmic Spirit	Spiritus Ophthalmicus, N. F. III.
Opii et Ipecacuanhae Pulvis Compositus, P. I.	Pulvis Ipecacuanhæ et Opii, U. S. P.
Opii Extractum P. I	Extractum Opii, U. S. P.
Opii Tinctura P. I	Tinctura Opii, U. S. P.
Opii Tinctura Benzoica, P. I	Tinctura Opii Camphorata, U. S. P.
Opium	Opium, U. S. P.
Opium and Chloroform, Compound Mixture of.	Mistura Opii et Chloroformi Composita, N. F.
Opium and Rhubarb, Compound Mixture of.	Mistura Opii et Rhei Composita, N. F.
Opium and Sassafras, Mixture of	Mistura Opii et Sassafras, N. F.
Opium, Camphorated Tincture of	Tinctura Opii Camphorata, U. S. P.
Opium, Compound Liniment of	Liniment Opii Compositum, N. F.
Opium, Deodorized	Opium Deodoratum, U. S. P.
Opium, Extract of	Extractum Opii, U. S. P.
Opium, Granulated	Opium Granulatum, U. S. P.
Opium, Pills of (see Pills of Opium).	
Opium Plaster	Emplastrum Hydrargyri, U. S. P. VIII.
Opium, Powdered	Opii Pulvis, U. S. P.
Opium, Tincture of	Tinctura Opii, U. S. P.
Opium, Tincture of Deodorized	Tinctura Opii Deodorati, U. S. P.
Opium, Vinegar of	Acetum Opii, N. F.
Opium, Wine of	Vinum Opii, U. S. P. VIII.
Opium with Saffron, Tincture of	Tinctura Opii Crocata, N. F.
Opodeldoc	Linimentum Saponato-Camphoratum, N. F.
Orange, Compound Spirit of	Spiritus Aurantii Compositus, U. S. P.
Orange, Compound Wine of	Vinum Aurantii Compositum, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Orange Flowers, Oil of	Oleum Aurantii Florum, N. F.
Orange Flowers, Syrup of	Syrupus Aurantii Florum, U. S. P.
Orange Flower Water	Aqua Aurantii Florum, U. S. P.
Orange Flower Water, Stronger	Aqua Aurantii Florum Fortior, U. S. P.
Orange Oil	Oleum Aurantii, U. S. P.
Orange Peel, Bitter	Aurantii Amari Cortex, U. S. P.
Orange Peel, Fluidextract of Bitter	Fluidextractum Aurantii Amari, U. S. P.
Orange Peel, Tincture of Bitter	Tinctura Aurantii Amari, U. S. P.
Orange Peel, Tincture of Sweet	Tinctura Aurantii Dulcis, U. S. P.
Orange Peel, Sweet	Aurantii Dulcis Cortex, U. S. P.
Orange, Spirit of	Spiritus Aurantii, N. F. III.
Orange, Syrup of	Syrupus Aurantii, U. S. P.
Ordeal Bean	Physostigma, U. S. P.
Oregon Grape Root	Berberis, N. F.
Orphol	Bismuthi Betanaphtholas, U. S. P.
Orris	Iris, N. F.
Orris Root	Iris, N. F.
Orthohydroxybenzoic Acid	Acidum Salicylicum, U. S. P.
Oxgall	Fel Bovis, U. S. P.
Oxgall, Extract of	Extractum Fellis Bovis, U. S. P.
Oxydum Calcicum	Calx, U. S. P.
Oxydum Hydrargyricum	Hydrargyri Oxidum Rubrum, U. S. P.
Oxydum Hydrargyricum Flavum	Hydrargyri Oxidum Flavum, U. S. P.
Oxydum Magnesicum Leve	Magnesii Oxidum, U. S. P.
Oxydum Magnesicum Ponderosum	Magnesii Oxidum Ponderosum, U. S. P.
Oxydum Plumbicum	Plumbi Oxidum, U. S. P.
Oxydum Zincicum	Zinci Oxidum, U. S. P.
Oxygen	Oxygenium, U. S. P.
Oxymel of Squill	Oxymel Scillæ, N. F.

Pale Catechu	Gambir, U. S. P.
Pancreatic Powder, Compound	Pulvis Pancreatini Compositus, N. F.
Pancreatic Solution	Liquor Pancreatini, N. F.
Pancreatin	Pancreatinum, U. S. P.
Pancreatin, Solution of	Liquor Pancreatini, N. F.
Paper, Cantharides	Charta Cantharidis, N. F. III.
Paper, Mustard	Emplastrum Sinapis, U. S. P.
Papoose Root	Caulophyllum, N. F.
Para-acetphenetidin	Acetphenetidinum, U. S. P.
Paracoto	Paracoto, N. F.
Paracoto, Fluidextract of	Fluidextractum Paracoto, N. F.
Paracoto, Tincture of	Tinctura Paracoto, N. F.
Paraffin	Paraffinum, U. S. P.
Paraffinum Liquidum	Petrolatum Liquidum, U. S. P.
Paraffinum Solidum	Paraffinum, U. S. P.
Paraform	Paraformaldehydum, U. S. P.
Paraformaldehyde	Paraformaldehydrum, U. S. P.
Paraldehyde	Paraldehydum, U. S. P.
Paraldehyde, Elixir of	Elixir Paraldehydi, N. F. III.
Paregoric	Tinctura Opii Camphorata, U. S. P.
Pareira	Pareira, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Pareira Brava	Pareira, N. F.
Pareira, Fluidextract of	Fluidextractum Pareiræ, N. F.
Parrish's Camphor Mixture	Mistura Camphoræ Aromatica, N. F.
Parsley Fruit	Petroselinum, U. S. P.
Parsley Fruit, Oleoresin of	Oleoresina Petroselini, U. S. P.
Parsley Root	Petroselini Radix, N. F.
Parsley Root, Fluidextract of	Fluidextractum Petroselini Radicis, N. F.
Pasque Flower	Pulsatilla, N. F.
Passion Flower	Passiflora, N. F.
Passion Flower, Tincture of	Tinctura Passifloræ, N. F.
Passion Vine	Passiflora, N. F.
Paste, Dextrinated	Pasta Dextrinata, N. F.
Pastes, Dermatologic	Pasta Dermatologicæ, N. F.
Paste, Lassar's Mild Resorcinol	Pasta Resorcinolis Mitis, N. F.
Paste, Lassar's Naphthol	Pasta Betanaphtholis, N. F.
Paste, Lassar's Stronger Resorcinol	Pasta Resorcinolis Fortis, N. F.
Paste, Lassar's Zinc	Pasta Zinci, N. F.
Paste, Mild Resorcinol	Paste Resorcinolis, Mitis, N. F.
Paste Pencils	Stili Dilubiles, N. F.
Paste, Unna's Ichthyol	Pasta Ichthyoli Unna, N. F. III.
Paste, Unna's Sulphurated Zinc	Pasta Zinci Sulphurata, N. F.
Paste, Soft Zinc	Pasta Zinci Mollis, N. F.
Pearson's Solution of Sodium Arsenate	Liquor Sodii Arsenatis, Pearson, N. F.
Pectoral Drops	Tinctura Pectoralis, N. F.
Pectoral Species	Species Pectorales, N. F.
Pectoral Tincture	Tinctura Pectoralis, N. F.
Peel, Bitter Orange	Aurantii Amari Cortex, U. S. P.
Peel, Sweet Orange	Aurantii Dulcis Cortex, U. S. P.
Pelletierine Tannate	Pelletierinæ Tannas, U. S. P.
Pellitory Root	Pyrethrum, U. S. P.
Pencil, Cocaine	Stilus Cocainæ Dilubilis, N. F. III.
Pencil, Salicylic Acid	Stilus Acidi Salicylici Dilubilis, N. F.
Pencils, Paste	Stili Dilubiles, N. F.
Pepo	Pepo, U. S. P.
Pepper	Piper, U. S. P.
Peppermint	Mentha Piperita, U. S. P.
Peppermint Oil	Oleum Menthæ Piperitæ, U. S. P.
Peppermint, Spirit of	Spiritus Menthæ Piperitæ, U. S. P.
Peppermint, Troches of	Trochisci Menthæ Piperitæ, N. F.
Peppermint Water	Aqua Menthæ Piperitæ, U. S. P.
Pepper, Oleoresin of	Oleoresina Piperis, U. S. P.
Pepsin	Pepsinum, U. S. P.
Pepsin and Bismuth, Elixir of	Elixir Pepsini et Bismuthi, N. F.
Pepsin and Iron, Elixir of	Elixir Pepsini et Ferri, N. F.
Pepsin and Rennin, Compound Elixir of	Elixir Pepsini et Rennini Compositum, N. F.
Pepsin, Antiseptic Solution of	Liquor Pepsini Antisepticus, N. F.
Pepsin, Aromatic	Pepsinum Aromaticum, N. F. III.
Pepsin, Aromatic Solution of	Liquor Pepsini Aromaticus, N. F.
Pepsin, Bismuth, and Strychnine, Elixir of.	Elixir Pepsini, Bismuthi, et Strychninæ, N. F.
Pepsin, Compound Powder of	Pulvis Pepsini Compositus, N. F. III.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Pepsin, Elixir of	Elixir Pepsini, N. F.
Pepsin, Glycerite of	Glyceritum Pepsinum, N. F.
Pepsin, Lime Juice and	Succus Citri et Pepsinum, N. F.
Pepsin, Saccharated	Pepsinum Saccharatum, N. F.
Pepsin, Solution of	Liquor Pepsini, N. F.
Pepsin, Wine of	Vinum Pepsini, N. F.
Peptonate of Iron and Manganese. Solution of.	Liquor Ferri Peptonati et Mangano, N. F.
Peptonate of Iron, Solution of	Liquor Ferri Peptonati, N. F.
Peptonizing Powder	Pulvis Pancreatini Compositus, N. F.
Perchloride of Mercury	Hydrargyri Chloridum Corrosivum, U. S. P.
Perfumed Spirit	Spiritus Odoratus, N. F.
Peru, Balsam of	Balsamum Peruvianum, U. S. P.
Petrolatum	Petrolatum, U. S. P.
Petrolatum Emulsum of	Emulsum Petrolati, N. F.
Petrolatum, Liquid	Petrolatum Liquidum, U. S. P.
Petrolatum Ointment	Petrolatum, U. S. P.
Petrolatum Saponatum Liquidum, N. F. III.	Petroxolinum Liquidum, N. F.
Petrolatum, White	Petrolatum Album, U. S. P.
Petroleum Benzin	Benzinum, U. S. P. VIII.
Petroletum Benzin, Purified	Benzinum Purificatum, U. S. P.
Petroletum Ether	Benzinum Purificatum, U. S. P.
Petroleum Jelly	Petrolatum, U. S. P.
Petroselinum	Petroselinum, U. S. P.
Petroxolin, Betanaphthol	Petroxolinum Betanaphtholis, N. F.
Petroxolin, Cade	Petroxolinum Cadini, N. F.
Petroxolin, Camphorated Chloroform	Petroxolinum Chloroformi Camphoratum, N. F.
Petroxolin, Camphorated Phenol	Petroxolinum Phenolis Camphoratum. N. F.
Petroxolin, Compound Sulphurated	Petroxolinum Sulphurata Compositum, N. F.
Petroxolin, Creosote	Petroxolinum Creosoti, N. F.
Petroxolin, Diluted Iodine	Petroxolinum Iodi Dilutum, N. F.
Petroxolin, Eucalyptol	Petroxolinum Eucalyptolis, N. F.
Petroxolin, Guaiacol	Petroxolinum Guaiacolis, N. F.
Petroxolin, Iodine	Petroxolinum Iodi, N. F.
Petroxolin, Iodoform	Petroxolinum Iodoformi, N. F.
Petroxolin, Liquid	Petroxolinum Liquidum, N. F.
Petroxolin, Menthol	Petroxolinum Mentholis, N. F.
Petroxolin, Mercury	Petroxolinum Hydrargyri, N. F.
Petroxolin, Methyl Salicylate	Petroxolinum Methylis Salicylatis, N. F.
Petroxolin, Phenol	Petroxolinum Phenolis, N. F.
Petroxolin, Solid	Petroxolinum Spissum, N. F.
Petroxolin, Sulphurated	Petroxolinum Sulphurata, N. F.
Petroxolin, Tar	Petroxolinum Picis, N. F.
Petroxolin, Venice Turpentine	Petroxolinum Terebinthinæ Laricis, N. F.
Pheasant's Eye	Adonis, N. F.
Phenacetin	Acetphenetidinum, U. S. P.
Phenacetinum	Acetphenetidinum, U. S. P.
Phenol	Phenol, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Phenolated Oil	Oleum Phenolatum, N. F.
Phenolated Solution of Iodine	Liquor Iodi Phenolatus, N. F.
Phenolated Water	Aqua Phenolata, N. F.
Phenol, Glycerite of	Glyceritum Phenolis, U. S. P.
Phenol, Iodized	Phenolum Iodatum, N. F.
Phenoli, Solutio P. I	Aqua Phenolata, N. F.
Phenol, Liquefied	Phenol Liquefactum, U. S. P.
Phenol, Ointment of	Unguentum Phenolis, U. S. P.
Phenol Petrox	Petroxolinum Phenolis, N. F.
Phenol Petroxolin	Petroxolinum Phenolis, N. F.
Phenolphthalein	Phenolphthaleïnum, U. S. P.
Phenolphthalein, Troches of	Trochisci Phenolphthaleini, N. F.
Phenylacetamide	Acetanilidum, U. S. P.
Phenylcinchonic Acid	Acidnm Phenylcinchonicum, U. S. P.
Phenyl-quinoline-carboxylic Acid	Acidum Phenylcinchonicum, U. S. P.
Phenyl Salicylate	Phenylis Salicylas, U. S. P.
Phosphas Codeicus	Codeinæ Phosphas, U. S. P.
Phosphas Natricus	Sodii Phosphas, U. S. P.
Phosphates, Acid Solution of	Liquor Phosphatum Acidus, N. F.
Phosphates, Compound Syrup of	Syrupus Phosphatum Compositus, N. F.
Phosphates, Compound Solution of	Liquor Phosphatum Compositus, N. F.
Phosphates with Quinine and Strychnine, Syrup of.	Syrupus Phosphatum cum Quinina et Strychnina, N. F.
Phosphatic Emulsion	Emulsum Phosphaticum, N. F. III.
Phosphorated Oil	Oleum Phosphoratum, N. F.
Phosphoric Acid	Acidum Phosphoricum, U. S. P.
Phosphoric Acid, Diluted	Acidum Phosphoricum Dilutum, U. S. P.
Phosphorus	Phosphorus, U. S. P.
Phosphorus and Nux Vomica, Elixir of	Elixir Phosphori et Nucis Vomicæ, N. F.
Phosphorus, Elixir of	Elixir Phosphori, N. F.
Phosphorus, Pills of	Pilulæ Phospori, U. S. P.
Phosphorus, Solution of	Liquor Phosphori, N. F.
Phosphorus, Spirit of	Spiritus Phosphori, N. F. III.
Physiological Salt Solution	Liquor Sodii Chloridi Physiologicus, U. S. P.
Physiological Solution of Sodium Chloride.	Liquor Sodii Chloridi Physiologicus, U. S. P.
Physol	Liquor Pepsini Antisepticus, N. F.
Physostigma	Physostigma, U. S. P.
Physostigma, Extract of	Extractum Physostigmatis, U. S. P.
Physostigma, Tincture of	Tinctura Physostigmatis, U. S. P.
Physostigmine Salicylate	Physostigminæ Salicylas, U. S. P.
Physostigmine Sulphate	Physostigminæ Sulphas, U. S. P. VIII.
Physostigminum Salicylicum	Physostigminæ Salicylas, U. S. P.
Phytolacca	Phytolacca, N. F.
Phytolacca, Fluidextract of	Fluidextractum Phytolaccæ, N. F.
Picric Acid	Trinitrophenol, U. S. P.
Pill Bearing Spurge	Euphorbia Pilulifera, N. F.
Pills	Pilulæ, N. F.
Pills, Antidyspeptic	Pilulæ Antidyspepticæ, N. F.
Pills, Antiperiodic	Pilulæ Antiperiodicæ, N. F.
Pills, Antiperiodic Without Aloes	Pilulæ Antiperiodicæ sine Aloe, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Pills, Compound Cathartic	Pilulæ Catharticæ Compositæ, U. S. P.
Pills, Compound Laxative	Pilulæ Laxativæ Compositæ, N. F.
Pills, Laxative, After Confinement	Pilulæ Laxativæ Post Partum, N. F.
Pills of Aloes	Pilulæ Aloes, U. S. P.
Pills of Aloes and Asafetida	Pilulæ Aloes et Asafœtidæ, N. F.
Pills of Aloes and Iron	Pilulæ Aloes et Ferri, N. F.
Pills of Aloes and Mastic	Pilulæ Aloes et Mastiches, N. F.
Pills of Aloes and Myrrh	Pilulæ Aloes et Myrrhæ, N. F.
Pills of Aloes and Podophyllum, Compound.	Pilulæ Aloes et Podophylli Compositæ, N. F.
Pills of Aloes, Mercury and Podophyllum	Pilulæ Aloes, Hydrargyri et Podophylli, N. F.
Pills of Aloes, Mercury and Scammony, Compound.	Pilulæ Aloes, Hydrargyri et Scammonii Compositæ, N. F.
Pills of Aloin, Compound	Pilulæ Aloini Compositæ, N. F.
Pills of Aloin, Strychnine and Belladonna	Pilulæ Aloini Strychninæ et Belladonnæ, N. F.
Pills of Aloin, Strychnine and Belladonna, Compound.	Pilulæ Aloini, Strychninæ et Belladonnæ Compositæ, N. F.
Pills of Antimony, Compound	Pilulæ Antimmonii Compositæ, N. F.
Pills of Asafetida	Pilulæ Asafœtidæ, U. S. P.
Pilulæ Cocciæ	Pilulæ Colocynthidis Compositæ, N. F.
Pills of Colocynth and Hyoscyamus	Pilulæ Colocynthidis et Hyoscyami, N. F.
Pills of Colocynth and Podophyllum	Pilulæ Colocynthidis et Podophylli, N. F.
Pills of Colocynth, Compound	Pilulæ Colocynthidis Compositæ, N. F.
Pills of Digitalis, Squill and Mercury	Pilulæ Digitalis, Scillæ et Hydrargyri, N. F.
Pills of Ferrous Carbonate	Pilulæ Ferri Carbonatis, U. S. P.
Pills of Ferrous Iodide	Pilulæ Ferri Iodidi, U. S. P.
Pills of Galbanum Compound	Pilulæ Galbani Compositæ, N. F. III.
Pills of Glonoin	Pilulæ Glycerylis Nitratis, N. F.
Pills of Iron, Compound	Pilulæ Ferri Compositæ, N. F. III.
Pills of Iron, Quinine, Aloes and Nux Vomica.	Pilulæ Ferri, Quininæ, Aloes et Nucis Vomicæ, N. F.
Pills of Iron, Quinine, Strychnine and Arsenic, Mild.	Pilulæ Ferri, Quininæ, Strychninæ Arseni Mitis, N. F.
Pills of Iron, Quinine, Strychnine and Arsenic, Stronger.	Pilulæ Ferri, Quininæ, Strychninæ Arseni, Fortiores, N. F.
Pills of Nitroglycerin	Pilulæ Glycyerylis Nitratis, N. F.
Pills of Opium	Pilulæ Opii, U. S. P. VIII.
Pills of Opium and Camphor	Pilulæ Opii et Camphoræ, N. F.
Pills of Opium and Lead	Pilulæ Opii et Plumbi, N. F.
Pills of Opium, Digitalis and Quinine	Pilulæ Opii, Digitalis, et Quininæ, N. F.
Pills of Phosphorus	Pilulæ Phosphori, U. S. P.
Pills of Podophyllum, Belladonna and Capsicum.	Pilulæ Podophylli, Belladonnæ et Capsici, U. S. P. VIII.
Pills of Rhubarb	Pilulæ Rhei, N. F.
Pills of Rhubarb, Compound	Pilulæ Rhei Compositæ, U. S. P.
Pills, Vegetable Cathartic	Pilulæ Catharticæ, Vegetabilis, N. F.
Pilocarpus	Pilocarpus, U. S. P.
Pilocarpus, Elixir of	Elixir Pilocarpi, N. F.
Pilocarpis, Fluidextract of	Fluidextractum Pilocarpus, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Pilocarpine Chloride	Pilocarpinæ Hydrochloridum, U. S. P.
Pilocarpine Hydrochloride	Pilocarpinæ Hydrochloridum, U. S. P.
Pilocarpine Nitrate	Pilocarpinæ Nitras, U. S. P.
Pilocarpinum Hydrochloricum	Pilocarpinæ Hydrochloridum, U. S. P.
Pilulæ Ferri Carbonici	Pilulæ Ferri Carbonatis, U. S. P.
Pilulæ Ferri et Quininæ Compositæ	Pilulæ Ferri, Quininæ, Aloes, et Nucis Vomicæ, N. F.
Pilulæ Ferri Jodati	Pilulæ Ferri Iodidi, U. S. P.
Pilulæ Glonoini, N. F. III	Pilulæ Glycerylis Nitratis, N. F.
Pilulæ Jodeti Ferrosi	Pilulæ Ferri Iodidi, U. S. P.
Pilulæ Metallorum Amaræ	Pilulæ Ferri, Quininæ, Strychninæ et Arseni Fortiores, N. F.
Pilulæ Quadruplices, N. F. III	Pilulæ Ferri, Quininæ, Aloes, et Nucis Vomicæ, N. F.
Pilulæ Triplices, N. F. III	Pilulæ Aloes Hydrargyri et Podophylli, N. F.
Pilulæ Triplex	Pilulæ Aloes Hydrargyri et Podophylli, N. F.
Pimenta	Pimenta, N. F.
Pimento	Pimenta, N. F.
Pimenta Oil	Oleum Pimentæ, U. S. P.
Pimpernel Root	Pimpinella, N. F.
Pimpinella	Pimpinella, N. F.
Pimpinella, Tincture of	Tinctura Pimpinellæ, N. F.
Pine Tar	Pix Liquida, U. S. P.
Pinkroot	Spigelia, U. S. P.
Piperine	Piperina, U. S. P. VIII.
Pipsissewa	Chimaphila, N. F.
Pipe Gamboge	Cambogia, U. S. P.
Pituitary Body, Desiccated	Hypophysis Sicca, U. S. P.
Pituitary Body, Solution of	Liquor Hypophysis, U. S. P.
Pix Carbonis	Pix Lithanthracis, N. F.
Pix Pini	Pix Liquida, U. S. P.
Plaster	Emplastrum (which see).
Plaster, Ammoniac	Emplastrum Ammoniaci, N. F. III.
Plaster, Arnica	Emplastrum Arnicæ, N. F. III.
Plaster, Belladonna	Emplastrum Belladonnæ, U. S. P.
Plaster, Capsicum	Emplastrum Capsici, U. S. P.
Plaster, Cantharides	Emplastrum Cantharidis, U. S. P.
Plaster, Lead	Emplastrum Plumbi, U. S. P.
Plaster, Mercurial	Emplastrum Hydrargyri, U. S. P. III.
Plaster, Mustard	Emplastrum Sinapis, U. S. P.
Plaster, Opium	Emplastrum Opii, U. S. P. VIII.
Plaster, Rosin	Emplastrum Resinæ, U. S. P.
Plaster, Rubber	Emplastrum Elasticum, U. S. P.
Plaster with Mercury, Ammoniac	Emplastrum Ammoniaci cum Hydrargyro, N. F. III.
Pleurisy Root	Asclepias, N. F.
Plumbum Aceticum	Plumbi Acetas, U. S. P.
Plumbum Subaceticum Solutum	Liquor Plumbi Subacetatis, U. S. P.
Plumbum Oxydatum	Plumbi Oxidum, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Plummer's Pills	Pilulæ Antimonii Compositæ, N. F.
Podophyllinum	Resina Podophylli, U. S. P.
Podophyllum	Podophyllum, U. S. P.
Podophyllum, Belladonna and Capsicum, Pills of.	Pilulæ Podophylli, Belladonnæ et Capsici, U. S. P. VIII.
Podophyllum, Extract of	Extractum Podophylli, N. F.
Podophyllum, Fluidextract of	Fluidextractum Podophylli, U. S. P.
Podophyllum, Resin of	Resina Podophylli, U. S. P.
Poison Hemlock	Conium, N. F.
Poison Tablets of Corrosive Mercuric Chloride.	Toxitabellæ Hydrargyri Chloridi, Corrosivi, U. S. P.
Poke Root	Phytolacca, N. F.
Pomegranate	Granatum, U. S. P.
Pomegranate Bark	Granatum, U. S. P.
Pomegranate, Fluidextract of	Fluidextractum Granati, U. S. P.
Poppy Capsules	Papaveris Fructus, N. F.
Poppy Capsules, Syrup of	Syrupus Papaveris, N. F.
Poppy, Tincture of	Tinctura Papaveris, N. F. III.
Potassa, Chlorinated, Solution of	Liquor Potassæ Chlorinatæ, N. F.
Potassa, Sulphurated	Potassa Sulphurata, U. S. P.
Potassa with Lime	Potassa cum Calce, N. F.
Potassium Acetate	Potassii Acetas, U. S. P.
Potassium Acetate, Elixir of	Elixir Potassii Acetatis, N. F.
Potassium Acetate and Juniper, Elixir of.	Elixir Potassii Acetatis et Juniperi, N. F.
Potassium and Sodium Tartrate	Potassii et Sodii Tartras, U. S. P.
Potassium Arsenate and Bromide, Solution of.	Liquor Potassii Arsenatis et Bromidi, N. F. III.
Potassium Arsenite, Solution of	Liquor Potassi Arsenatis, U. S. P.
Potassium Bicarbonate	Potassii Bicarbonas, U. S. P.
Potassium Bitartrate	Potassii Bitartras, U. S. P.
Potassium Bromide	Potassii Bromidum, U. S. P.
Potassium Bromide, Compound Effervescent Salt of.	Sal Potassii Bromidi Effervescens Compositus, N. F.
Potassium Bromide, Effervescent Salt of.	Sal Potassii Bromidi Effervescens, N. F.
Potassium Bromide, Elixir of	Elixir Potassii Bromidi, N. F.
Potassium Carbonate	Potassii Carbonas, U. S. P.
Potassium Chlorate	Potassii Chloras, U. S. P.
Potassium Chlorate, Troches of	Trochisci Potassii Chloratis, U. S. P.
Potassium Chloride	Potassii Chloridum, N. F.
Potassium Citrate	Potassii Citras, U. S. P.
Potassium Citrate, Effervescent	Potassii Citras Effervescens, U. S. P.
Potassium Cyanide	Potassii Cyanidum, U. S. P. VIII.
Potassium Dichromate	Potassii Dichromas, U. S. P. VIII.
Potassium Ferrocyanide	Potassii Ferrocyanidum, U. S. P. VIII.
Potassium Hydrate	Potassii Hydroxidum, U. S. P.
Potassium Hydroxide	Potassii Hydroxideum, U. S. P.
Potassium Hydroxide, Solution of	Liquor Potassii Hydroxidi, U. S. P.
Potassium Hypophosphite	Potassii Hypophosphis, U. S. P.
Potassium Iodide	Potassii Iodidum, U. S. P.
Potassium Iodide, Ointment of	Unguentum Potassii Iodidi, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Potassium Nitrate	Potassii Nitras, U. S. P.
Potassium Nitrate Paper	Charta Potassii Nitratis, N. F.
Potassium Permanganate	Potassii Permanganas, U. S. P.
Potassium Sulphate	Potassii Sulphas, N. F.
Powder, Antimonial	Pulvis Antimonialis, N. F.
Powder, Aromatic	Pulvis Aromaticus, U. S. P.
Powder, Catarrh	Pulvis Anticatarrhalis, N. F. III.
Powder, Compound Acetanilid	Pulvis Acetanilidi, Compositus, N. F.
Powder, Compound Chalk	Pulvis Cretæ Compositus, U. S. P.
Powder, Compound Effervescent	Pulvis Effervescens Compositus, U. S. P.
Powder, Compound Pancreatic	Pulvis Pancreatini Compositus, N. F.
Powdered Compound Extract of Colocynth.	Extractum Colocynthidis Compositum, U. S. P.
Powdered Extract of Aconite	Extractum Aconiti, U. S. P.
Powdered Extract of Cascara Sagrada	Extractum Cascaræ Sagradæ, U. S. P.
Powdered Extract of Cimicifuga	Extractum Cimicifugæ, U. S. P.
Powdered Extract of Colchicum Corm	Extractum Colchici Cormi, U. S. P.
Powdered Extract of Colocynth	Extractum Colocynthidis, U. S. P.
Powdered Extract of Gelsemium	Extractum Gelsemii, U. S. P.
Powdered Extract of Hydrastis	Extractum Hydrastis, U. S. P.
Powdered Extract of Leplandna	Extractum Leplandræ, N. F.
Powdered Extract of Nux Vomica	Extractum Nucis Vomicæ, U. S. P.
Powdered Extract of Opium	Extractum Opii, U. S. P.
Powdered Extract of Oxgall	Extractum Fellis Bovis, U. S. P.
Powdered Extract of Physostigma	Extractum Physostigmatis, U. S. P.
Powdered Extract of Rhubarb	Extractum Rhei, U. S. P.
Powdered Extract of Viburnum Prunifolium.	Extractum Viburni Prunifolii, U. S. P.
Powdered Opium	Opii Pulvis, U. S. P.
Powder, Humanizing Milk	Pulvis Pro Lacte Humanisato, N. F. III.
Powder of Acacia, Compound	Pulvis Acaciæ Compositus, N. F. III.
Powder of Almond, Compound	Pulvis Amygdalæ Compositus, N. F. III.
Powder of Aloes and Canella	Pulvis Aloes et Canellæ, N. F.
Powder of Bayberry, Compound	Pulvis Myricæ Compositus, N. F.
Powder of Chalk, Aromatic	Pulvis Cretæ Aromaticus, N. F.
Powder of Chalk with Opium, Aromatic	Pulvis Cretæ Aromaticus et Opii, N. F.
Powder of Citrate of Iron and Quinine	Pulvis Ferri et Quininæ Citratis Effervescens, N. F. III.
Powder of Ferric Phosphate, Effervescent.	Pulvis Ferri Phosphatis Effervescens N. F. III.
Powder of Gambir, Compound	Pulvis Gambir Compositus, N. F.
Powder of Glycyrrhiza, Compound	Pulvis Glycyrrhizæ Compositus, U. S. P.
Powder of Iodoform, Compound	Pulvis Iodoformi Compositus, N. F. III.
Powder of Ipecac and Opium	Pulvis Ipecacuanhæ et Opii, U. S. P.
Powder of Jalap, Compound	Pulvis Jalapæ Compositus, U. S. P.
Powder of Kino and Opium, Compound	Pulvis Kino et Opii Compositus, N. F.
Powder of Mild Mercurous Chloride and Jalap.	Pulvis Hydrargyri Chloridi Mitis, et Jalapae, N. F.
Powder of Pepsin, Compound	Pulvis Pepsini Compositus, N. F. III.
Powder of Rhubard and Magnesia, Anisated.	Pulvis Rhei et Magnesiæ Anisatus, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Powder of Rhubarb, Compound	Pulvis Rhei Compositus, U. S. P.
Powder of Talc	Pulvis Talci Compositus, N. F.
Powder, Rubefacient Spice	Pulvis Aromaticus Rubefaciens, N. F.
Powder, Soluble Antiseptic	Pulvis Antisepticus, N. F.
Precipitated Chalk	Calcii Carbonas Præcipitatus, U. S. P.
Precipitated Calcium Carbonate	Calcii Carbonas Præcipitatus, U. S. P.
Precipitated Calcium Phosphate	Calcii Phosphas Præcipitatus, N. F.
Precipitated Ferrous Sulphate	Ferri Sulphas Granulatus, U. S. P.
Precipitated Manganese Dioxide	Mangani Dioxidum Præcipitatum, U. S. P.
Precipitated Sulphur	Sulphur Præcipitatum, U. S. P.
Precipitated Zinc Carbonate	Zinci Carbonas Præcipitatus, U. S. P.
Prepared Cacao	Cacao Præparata, N. F.
Prepared Calamine	Calamina Præparata, N. F.
Prepared Chalk	Creta Præparata, U. S. P.
Prepared Suet	Sevum Præparatum, U. S. P.
Prickly Ash Bark	Xanthoxylum, U. S. P.
Prickly Ash Berries	Xanthoxylum Fructus, N. F.
Protochloride of Iron, Solution of	Liquor Ferri Protochloridi, N. F.
Protochloride of Mercury	Hydrargyri Chloridum Mite, U. S. P.
Protoiodide of Mercury	Hydrargyri Iodidum Flavum, U. S. P.
Prune	Prunum, N. F.
Prussic Acid	Acidum Hydrocyanicum Dilutum, U. S. P.
Pulsatilla	Pulsatilla, N. F.
Pulsatilla, tincture of	Tincture Pulsatillæ, N. F.
Pulvis Aerophorus Laxans	Pulvis Effervescens Compositus, U. S. P.
Pulvis Antisepticus Solubilis	Pulvis Antisepticus, N. F.
Pulvis Catechu Compositus, N. F. III	Pulvis Gambir Compositus, N. F.
Pulvis Digestivus	Pulvis Pepsini Compositus, N. F. III.
Pulvis Ipecacuanhae Opiatus	Pulvis Ipecacuanhæ et Opii, U. S. P.
Pulvis Kino Compositus, N. F. III	Pulvis Kino et Opii, Compositus, U. S. P.
Pulvis Liquiritiae Compositus	Pulvis Glycyrrhizæ Compositus, U. S. P.
Pulvis Opii, P. I	Opii Pulvis, U. S. P.
Pulvis Purgans	Pulvis Jalapæ Compositus, U. S. P.
Pumice	Pumex, N. F.
Pumpkin Seed	Pepo, U. S. P.
Pure Extract of Glycyrrhiza	Extractum Glycyrrhizæ Purum, U. S. P.
Purified Aloes	Aloe Purificata, U. S. P. VIII.
Purified Animal Charcoal	Carbo Animalis Purificatus, U. S. P. VIII.
Purified Antidiphtheric Serum	Serum Antidiphthericum Purificatum, U. S. P.
Purified Antimony Sulphide	Antimonii Sulphidum Purificatum, N. F. III.
Purified Antimony Trisulphide	Antimonii Sulphidum Purificatum, N. F. III.
Purified Antitetanic Serum	Serum Antitetanicum Purificatum, U. S. P.
Purified Cotton	Gossypium Purificatum, U. S. P.
Purified Extract of Glycyrrhiza	Extractum Glycyrrhizæ Depuratum, N. F. III.
Purified Kisselguhr	Terra Silicea Purificata, U. S. P.
Purified Petroleum Benzin	Benzinum Purificatum, U. S. P.
Purified Siliceous Earth	Terra Silicea Purificata, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Purified Talc	Talcum Purificatum, U. S. P.
Pyrazolonum Phenyldimethylicum	Antipyrina, U. S. P.
Pyrethrom	Pyrethrum, U. S. P.
Pyrethrum, Tincture of	Tinctura Pyrethri, U. S. P.
Pyrogallic Acid	Pyrogallol, U. S. P.
Pyrogallol	Pyrogallol, U. S. P.
Pyrogallolum	Pyrogallol, U. S. P.
Pyrophosphate of Iron, Quinine and Strychnine, Elixir of.	Elixir Ferri Pyrophosphatis Quininæ et Strychninæ, N. F.
Pyroxylin	Pyroxylinum, U. S. P.
Quadruplex Pills	Pilulæ Ferri, Quininæ, Aloes et Nucis Vomicæ, N. F.
Quaker Black Drop	Acetum Opii, N. F.
Quassia	Quassia, U. S. P.
Quassia, Extract of	Extractum Quassiæ, N. F.
Quassia, Fluid extract of	Fluidextractum Quassiæ, N. F.
Quassia, Tincture of	Tincturæ Quassiæ, U. S. P.
Quator Pills	Pilulæ Ferri, Quininæ, Aloes et Nucis Vomicæ, N. F.
Quebracho	Aspidosperma, U. S. P.
Queen's Delight	Stillingia, U. S. P.
Queen's Root	Stillingia, U. S. P.
Quercus, Fluid extract of	Fluidextractum Quercus, N. F.
Quevenne's Iron	Ferrum Reductum, U. S. P.
Quicklime	Calx, U. S. P.
Quicksilver	Hydrargyrum, U. S. P.
Quillaja	Quillaja, N. F.
Quillaja, Fluid extract of	Fluid extractum Quillajæ, U. S. P. VIII.
Quillaja, Tincture of	Tinctura Quillajæ, N. F.
Quinidine	Quinidinæ, N. F.
Quinidine, Syrup of	Syrupus Quinidinæ, N. F.
Quinine	Quinina, U. S. P.
Quinine and Phosphates, Compound Elixir of.	Elixir Quininæ et Phosphatum Compositum, N. F. III.
Quinine and Urea Chloride	Quininæ et Ureæ Hydrochloridum, U. S. P.
Quinine and Urea Hydrochloride	Quininæ et Ureæ Hydrochloridum, U. S. P.
Quinine Bisulphate	Quininæ Bisulphas, U. S. P.
Quinine Bromide	Quininæ Hydrobromidum, U. S. P.
Quinine Chloride	Quininæ Hydrochloridum, U. S. P.
Quinine Dihdrochloride	Quininæ Dihydrochloridum, U. S. P.
Quinine Glycerinophosphate	Quininæ Glycerophosphas, N. F.
Quinine Glycerophosphate	Quininæ Glycerophosphas, N. F.
Quinine Hydrobromide	Quininæ Hydrobromidum, U. S. P.
Quinine Hydrochloride	Quininæ Hydrochloridum, U. S. P.
Quinine Hypophosphite	Quininæ Hyphophosphis.
Quinine, Oleate of	Oleatum, Quininæ, N. F.
Quinine Salicylate	Quininæ Salicylas, U. S. P.
Quinine Sulphate	Quininæ Sulphas, U. S. P.
Quinine Tannate	Quininæ Tannas, U. S. P.
Quinine Tannate, Troches of	Trochisci Quininæ Tannatis, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Quinine Valerate	Quininæ Valeras, N. F.
Quinine Valerate and Strychnine, Elixir of.	Elixir Quininæ Valeratis et Strychninæ N. F.
Quinidine	Quinidinæ, N. F.
Quinidine, Syrup of	Syrupus Quinidinæ, N. F.

Radix Althaeae	Althæa, U. S. P.
Radix Colombo	Calumba, U. S. P.
Radix Gentianae	Gentiana, U. S. P.
Radix Glycyrrhizae	Glycyrrhiza, U. S. P.
Radix Liquiritiae	Glycyrrhiza, U. S. P.
Radix Rathanhiae	Krameria, U. S. P.
Radix Sarsaparillae	Sarsaparilla, U. S. P.
Radix Senegae	Senega, U. S. P.
Radix Taraxaci	Taraxacum, U. S. P.
Raspberry, Syrup of	Syrupus Rubi Idæi, N. F.
Raw Linseed Oil	Oleum Lini, U. S. P.
Rectified Empyroligneous Oil of Birch	Oleum Betulæ Empyreumaticum Rectificatum, N. F.
Rectified Oil of Birch Tar	Oleum Betulæ Empyreumaticum Rectificatum, N. F.
Rectified Oil of Tar	Oleum Picis Liquidæ Rectificatum, U. S. P.
Rectified Oil of Turpentine	Oleum Terebinthinæ Rectificatum, U. S. P.
Rectified Tar Oil	Oleum Picis Liquidæ Rectificatum, U. S. P.
Rectified Turpentine Oil	Oleum Terebinthinæ Rectificatum, U. S. P.
Red Aromatic Elixir	Elixir Aromaticum Rubrum, N. F.
Red Cinchona	Cinchona Rubra, U. S. P.
Red Clover Blossoms	Trifolium, N. F.
Red Elixir	Elixir Aromaticum Rubrum, N. F.
Red Indigo	Persio, N. F.
Red Iodide of Mercury	Hydrargyri Iodidum Rubrum, U. S. P.
Red Lead	Plumbi Oxidum Rubrum, N. F.
Red Mercuric Iodide	Hydrargyri Iodidum Rubrum, U. S. P.
Red Mercuric Oxide	Hydrargyri Oxidum Rubrum, U. S. P.
Red Mercuric Oxide, Ointment of	Unguentum Hydrargyri Oxidi Rubri, N. F.
Red Oxide of Lead	Plumbi Oxidum Rubrum, N. F.
Red Peruvian Bark	Cinchona Rubra, U. S. P.
Red Precipitate	Hydrargyri Oxidum Rubrum, U. S. P.
Red Rose	Rosa Gallica, U. S. P.
Red Saunders	Santalum Rubrum, U. S. P.
Reduced Iron	Ferrum Reductum, U. S. P.
Red Wine	Vinum Rubrum, U. S. P. VIII.
Refined and Concentrated Diphtheria Antitoxin.	Serum Antidiphthericum Purificatum, U. S. P.
Refined and Concentrated Tetanus Antitoxin.	Serum Antitetanicum Purificatum, U. S. P.
Rennet, Liquid	Liquor Seriparus, N. F. III.
Rennin	Renninum, N. F.
Resin	Resina, U. S. P.
Resina Colophonium	Resina, U. S. P.
Resina Guajaci	Guaiacum, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Resin of Jalap	Resina Jalapæ, U. S. P.
Resin of Podophyllum	Resina Podophylli, U. S. P.
Resin of Scammony	Resina Scammonii, U. S. P.
Resorcin	Resorcinol, U. S. P.
Resorcinol	Resorcinol, U. S. P.
Resorcinol Ointment, Compound	Unguentum Resorcinolis Compositum, N. F.
Resorcinum	Resorcinol, U. S. P.
Rhamnus Cathartica	Rhamnus Cathartica, N. F.
Rhamnus Cathartica, Fluid extract of	Fluidextractum Rhamnus Catharticæ, N. F.
Rhamnus Cathartica, Syrup of	Syrupus Rhamni Catharticæ, N. F.
Rhamnus Purshiana, U. S. P. VIII	Cascara Sagrada, U. S. P.
Rhatany	Krameria, N. F.
Rhizoma Filicis	Aspidium, U. S. P.
Rhizoma Gelsemii	Gelsemium, U. S. P.
Rhizoma Hydrastis	Hydrastis, U. S. P.
Rhizoma Rhei	Rheum, U. S. P.
Rhizoma Valerianae	Valeriana, U. S. P.
Rhizoma Veratri	Veratrum Viride, U. S. P.
Rhizoma Zingiberis	Zingiber, U. S. P.
Rhubarb	Rheum, U. S. P.
Rhubarb, Alkaline Mixture of	Mistura Rhei Alkalina, N. F.
Rhubarb and Gentian, Tincture of	Tinctura Rhei et Gentianæ, N. F.
Rhubarb and Magnesia, Anisated Powder of.	Pulvis Rhei et Magnesiæ Anisatus, N. F.
Rhubarb and Magnesium Acetate, Elixir of.	Elixir Rhei et Magnesii Acetatis, N. F. III.
Rhubarb and Soda, Mixture of	Mistura Rhei et Sodæ, N. F.
Rhubarb, Aqueous Tincture of	Tinctura Rhei Aquosa, N. F.
Rhubarb, Aromatic Syrup of	Syrupus Rhei Aromaticus, U. S. P.
Rhubarb, Aromatic Tincture of	Tinctura Rhei Aromatica, U. S. P.
Rhubarb, Compound Mixture of	Mistura Rhei Composita, N. F.
Rhubarb, Compound Pills of	Pilulæ Rhei Compositæ, U. S. P.
Rhubarb, Compound Powder of	Pulvis Rhei Compositus, U. S. P.
Rhubarb, Compound Wine of	Vinum Rhei Compositum, N. F.
Rhubarb, Elixir of	Elixir Rhei, N. F. III.
Rhubarb, Extract of	Extractum Rhei, U. S. P.
Rhubarb, Fluidextract of	Fluidextractum Rhei, U. S. P.
Rhubarb, Fluid glycerate of	Fluidglyceratum Rhei, N. F.
Rhubarb, Pills of	Pilulæ Rhei, N. F.
Rhubarb, Syrup of	Syrupus Rhei, U. S. P.
Rhubarb, Sweet Tincture of	Tinctura Rhei Dulcis, N. F.
Rhubarb, Tincture of	Tinctura Rhei, U. S. P.
Rhubarb, Vinous Tincture of	Tinctura Rhei Vinosa, N. F. III.
Rhus Glabra	Rhus Glabra, N. F.
Rhus Glabra, Fluidextract of	Fluidextractum Rhois Glabræ, N. F.
Roasted Coffee	Coffea Tosta, N. F.
Rochelle Salt	Potassii et Sodii Tartras, U. S. P.
Rock-Rose	Helianthemum, N. F.
Rose, Compound Infusion of	Infusum Rosæ Compositum, N. F. III.
Rose, Confection of	Confectio Rosæ, N. F.
Rose, Fluidextract of	Fluidextractum Rosæ, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued

Rose, Honey of	Mel Rosæ, U. S. P.
Rosemary Oil	Oleum Rosmarini, U. S. P.
Rose, Oil of	Oleum Rosæ, U. S. P. VIII.
Rose, Red	Rosa Gallica, U. S. P.
Rose, Syrup of	Syrupus Rosæ, N. F.
Rose Water	Aqua Rosæ, U. S. P.
Rose Water, Ointment of	Unguentum Aquæ Rosæ, U. S. P.
Rose Water, Stronger	Aqua Rosæ Fortior, U. S. P.
Rosin	Resina, U. S. P.
Rosin Adhesive Plaster	Emplastrum Resinæ, U. S. P.
Rosin Cerate	Ceratum Resinæ, U. S. P.
Rosin Cerate, Compound	Ceratum Resinæ Compositum, N. F.
Rosin Plaster	Emplastrum Resinæ, U. S. P.
Rubber	Elastica, U. S. P. VIII.
Rubber Adhesive Plaster	Emplastrum Elasticum, U. S. P.
Rubber Plaster	Emplastrum Elasticum, U. S. P.
Rubefacient Spice Powder	Pulvis Aromaticus Rubefaciens, N. F.
Rubus	Rubus, N. F.
Rubus, Fluidextract of	Fluidextractum Rubi, N. F.
Rubus, Syrup of	Syrupus Rubi, N. F.
Rumex	Rumex, N. F.
Rumex, Fluidextract of	Fluidextractum Rumicis, N. F.
Russian Flies	Cantharis, U. S. P.

Sabal	Sabal, U. S. P.
Sabal, Fluidextract of	Fluidextractum Sabal, U. S. P.
Saccharated Citric Acid	Acidum Citricum Saccharatum, N. F. III.
Saccharated Ferric Oxide	Ferri Oxidum Saccharatum, N. F.
Saccharated Ferrous Iodide	Ferri Iodidum Saccharatum, N. F. III.
Saccharated Pepsin	Pepsinum Saccharatum, N. F.
Saccharated Sodium Bicarbonate	Sodii Bicarbonas Saccharatus, N. F. III.
Saccharated Tartaric Acid	Acidum Tartaricum Saccharatum, N. F. III.
Saccharin	Benzosulphinidum, U. S. P.
Saccharin, Solution of	Liquor Saccharini, N. F. III.
Saccharinum	Benzosulphinidum, U. S. P.
Saccharum Ustum	Caramel, N. F.
Saffron	Crocus, N. F.
Saffron, Tincture of	Tinctura Croci, N. F.
Safrol	Safrolum, U. S. P. VIII.
Saigon Cinnamon	Cinnamomum Saigonicum, U. S. P.
Saint Ignatius Bean	Ignatia, N. F.
Salep, Mucilage of	Mucilago Salep, N. F. III.
Salicin	Salicinum, U. S. P.
Salve Mulls	Mullæ, N. F.
Salicylas Natricus	Sodii Salicylas, U. S. P.
Salicylas Phenylicus	Phenylis Salicylas, U. S. P.
Salicylas Physostigmicus	Physostigminæ Salicylas, U. S. P.
Salicylated Creosote Mull	Mulla Creosoti Salicylata, N. F.
Salicylated Mixture of Iron	Liquor Ferri Salicylatis, N. F.
Salicylic Acid	Acidum Salicylicum, U. S. P.
Salicylic Acid, Elixir of	Elixir Acidi Salicylici, N. F. III.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Salicylic Acid Glycerogelatin	Glycerogelatinum Acidi Salicylici, N. F.
Salicylic Acid Mull	Mulla Acidi Salicylici, N. F.
Salicylic Acid Pencil	Stilus Acidi Salicylici Dilubilis, N. F.
Salicylic Acid Salve Mull	Mulla Acidi Salicylici, N. F.
Salol	Phenylis Salicylas, U. S. P.
Salolum	Phenylis Salicylas, U. S. P.
Salt, Artificial Carlsbad	Sal Carolinum Factitium, N. F.
Salt, Artificial Kissingen	Sal Kissingense Factitium, N. F.
Salt, Artificial Vichy	Sal Vichyanum Factitium, N. F.
Salt, Effervescent Artificial Carlsbad	Sal Carolini Factitium Effervescens, N. F.
Salt, Effervescent Artificial Kissengen	Sal Kissingensis Factitium Effervescens, N. F.
Salt, Effervescent Artificial Vichy	Sal Vichyani Factitium Effervescens, N. F.
Salt of Potassium Bromide, Compound Effervescent.	Sal Potassii Bromidi Effervescens, N. F.
Salt of Potassium Bromide, Effervescent	Sal Potassii Bromidi Effervescens, N. F.
Saltpetre	Potassii Nitras, U. S. P.
Salts, Granular Effervescent	Sales Effervescentes, N. F.
Salt with Lithium, Effervescent Artificial Vichy.	Sal Vichyani Factitium Effervescens cum Lithio, N. F.
Salvia	Salvia, U. S. P. VIII.
Sambucus	Sambucus, N. F.
Sanguinaria	Sanguinaria, U. S. P.
Sanguinaria, Fluidextract of	Fluidextractum Sanguinariæ, U. S. P.
Sanguinaria, Syrup of	Syrupus Sanguinariæ, U. S. P.
Sanguinaria, Vinegar of	Acetum Sanguinariæ, N. F. III.
Santal, Oil of	Oleum Santali, U. S. P.
Santalwood Oil	Oleum Santali, U. S. P.
Santonica	Santonica, U. S. P. VIII.
Santonin	Santoninum, U. S. P.
Santonin and Calomel, Troches of	Trochisci Santonini Composita, N. F.
Santonin, Troches of	Trochisci Santonini, N. F.
Sapo Kalinus	Sapo Mollis, U. S. P.
Sapo Medicatus	Sapo, U. S. P.
Saponated Tincture of Creosol	Tinctura Cresolis Saponata, N. F. III.
Sarsaparilla	Sarsaparilla, U. S. P.
Sarsaparilla, Compound Decoction of	Decoctum Sarsaparillæ Compositum, N. F.
Sarsaparilla, Compound Fluidextract of	Fluidextractum Sarsaparillæ Compositum, U. S. P.
Sarsaparilla, Compound Syrup of	Syrupus Sarsaparillæ Compositus, U. S. P.
Sassafras	Sassafras, U. S. P.
Sassafras Oil	Oleum Sassafras, U. S. P.
Sassafras Pith	Sassafras Medulla, N. F.
Sassafras Pith, Mucilage of	Mucilago Sassafras Medullæ, N. F.
Saturatio Potio Riveri	Liquor Sodii Citratis, N. F.
Savine Cerate	Ceratum Sabinæ, N. F. III.
Savin, Fluidextract of	Fluidextractum Sabinæ, U. S. P. VIII.
Savin, Oil of	Oleum Sabinæ, U. S. P. VIII.
Saw Palmetto and Santal, Tincture of	Tinctura Sabal et Santali, N. F.
Saw Palmetto Berries	Sabal, U. S. P.
Scammony	Scammonium, U. S. P. VIII.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Scammony, Resin of	Resina Scammonii, U. S. P.
Scammony Root	Scammonii Radix, U. S. P.
Scoparius	Scoparius, N. F.
Scoparius, Fluidextract of	Fluidextractum Scoparii, N. F.
Scopola	Scopola, U. S. P. VIII.
Scopola, Fluidextract of	Fluidextractum Scopolæ, U. S. P. VIII.
Scopola, Extract of	Extractum Scopolæ, U. S. P. VIII.
Scopolamine Bromide	Scopolaminæ Hydrobromidum, U. S. P.
Scopolamine Hydrobromide	Scopolaminæ Hydrobromidum, U. S. P.
Scopolaminum Hydrobromicum	Scopolaminæ Hydrobromidum, U. S. P.
Scutellaria	Scutellaria, N. F.
Scutellaria, Fluidextract of	Fluidextractum Scutellariæ, N. F.
Sebum Ovile	Sevum Præparatum, U. S. P.
Secale Cornutum P. I.	Ergota, U. S. P.
Sedative Water	Lotio Ammoniacalis Camphora, N. F.
Semen Amygdali Dulce	Amygdala Dulcis, U. S. P.
Semen Colchici P. I.	Colchici Semen, U. S. P.
Semen Lini	Linum, U. S. P.
Semen Myristicae	Myristica, U. S. P.
Semen Sinapis	Sinapis Alba, U. S. P.
Semen Sinapis Nigrae	Sinapis Nigra, U. S. P.
Semen Strophanthi	Strophanthus, U. S. P.
Semen Strychni, P. I.	Nux Vomica, U. S. P.
Seneca Snakeroot	Senega, U. S. P.
Senecio	Senecio, N. F.
Senecio, Fluidextract of	Fluidextractum Senecionis, N. F.
Senega	Senega, U. S. P.
Senega Snakeroot	Senega, U. S. P.
Senega, Fluidextract of	Fluidextractum Senegæ, U. S. P.
Senega, Syrup of	Syrupus Senegæ, U. S. P.
Senna	Senna, U. S. P.
Senna, Aromatic Syrup of	Syrupus Sennæ Aromaticus, N. F.
Senna, Compound Infusion of	Infusum Sennæ Compositum, U. S. P.
Senna, Compound Syrup of	Syrupus Sennæ Compositus, N. F.
Senna, Confection of	Confectio Sennæ, N. F.
Senna, Fluidextract of	Fluidextractum Sennæ, U. S. P.
Senna, Syrup of	Syrupus Sennæ, U. S. P.
Serpentaria	Serpentaria, U. S. P.
Serpentaria, Fluidextract of	Fluidextractum Serpentariæ, N. F.
Serpentaria, Tincture of	Tinctura Serpentariæ, N. F.
Serum, Antidiphtheric	Serum Antidiphthericum, U. S. P.
Serum, Antitetanic	Serum Antitetanicum, U. S. P.
Serum, Dried Antidiphtheric	Serum Antidiphthericum Siccum, U. S. P.
Serum, Dried Antitetanic	Serum Antitetanicum Siccum, U. S. P.
Serum, Purified Antitetanic	Serum Antitetanicum Purificatum, U. S. P.
Sesame Oil	Oleum Sesami, U. S. P.
Seven-Barks	Hydrangea, N. F.
Sherry Wine	Vinum Xericum, N. F.
Siliceous Earth, Purified	Terra Silicea Purificata, U. S. P.
Silver Cyanide	Argenti Cyanidium, U. S. P. VIII.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Silver Oxide	Argenti Oxidum, U. S. P.
Silver Nitrate	Argenti Nitras, U. S. P.
Silver Nitrate, Mitigated	Argenti Nitras Mitigatus, U. S. P. VIII.
Silver Nitrate, Moulded	Argenti Nitras Fusus, U. S. P.
Simple Elixir	Elixir Aromaticum, U. S. P.
Simple Cerate	Ceratum, U. S. P.
Simple Ointment	Unguentum, U. S. P.
Simple Syrup	Syrupus, U. S. P.
Sirup	Syrupus, U. S. P.
Sirupus Aurantii Corticis	Syrupus Aurantii, U. S. P.
Sirupus Citri	Syrupus Acidi Citrici, U. S. P.
Sirupus Rhei	Syrupus Rhei, U. S. P.
Sirupus Senegae	Syrupus Senegæ, U. S. P.
Sirupus Sennae	Syrupus Sennæ, U. S. P
Sirupus Simplex	Syrupus, U. S. P.
Skullcap	Scutellaria, N. F.
Slippery Elm	Ulmus, U. S. P.
Smith's Solution of Bromine	Liquor Bromi, N. F.
Smyrna Galls	Galla, U. S. P.
Soap	Sapo, U. S. P.
Soap Liniment	Linimentum Saponis, U. S. P.
Soap Liniment, Camphorated	Linimentum Saponato-Camphoratum, N. F.
Soap, Liniment of Soft	Linimentum Saponis Mollis, U. S. P.
Soap Plaster	Emplastrum Saponis, N. F.
Soap, Soft	Sapo, Mollis, U. S. P.
Soap-tree, Bark	Quillaja, N. F.
Soap, Spirit of	Spiritus Saponatus, N. F. III.
Socotrine Aloes	Aloe, U. S. P.
Soda and Spearmint, Solution of	Liquor Soadæ et Menthæ, N. F.
Soda	Sodii Hydroxidum, U. S. P.
Soda Mint	Liquor Sodæ et Menthæ, N. F.
Soda with Lime	Soda cum Calce, N. F.
Sodium Acetate	Sodii Acetas, U. S. P.
Sodium Arsenate	Sodii Arsenas, U. S. P.
Sodium Arsenate, Exsiccated	Sodii Arsenas Exsiccatus, U. S. P.
Sodium Arsenate, Solution of	Liquor Sodii Arsenatis, U. S. P.
Sodium Arsenate, Pearson's Solution of	Liquor Sodii Arsenatis, Pearson, N. F.
Sodium Benzosulphinide	Sodii Benzosulphinidum, U. S. P.
Sodium Benzoate	Sodii Benzoas, U. S. P.
Sodium Bicarbonate	Sodii Bicarbonas, U. S. P.
Sodium Bicarbonate, Saccharated	Sodii Bicarbonas Saccharatus, N. F. III.
Sodium Bicarbonate, Troches of	Trochisci Sodii Bicarbonatis, U. S. P.
Sodium Bisulphite	Sodii Bisulphis, U. S. P. VIII.
Sodium Borate	Sodii Boras, U. S. P.
Sodium Borate, Compound Solution of	Liquor Sodii Boratis Compositus, N. F.
Sodium Borate, Honey of	Mel Sodii Boratis, N. F.
Sodium Boro Benzoate	Sodii Boro-Benzoas, N. F.
Sodium Bromide	Sodii Bromidum, U. S. P.
Sodium Bromide, Elixir of	Elixir Sodii Bromidi, N. F.
Sodium Cacodylate	Sodii Cacodylas, U. S. P.
Sodium Carbolate, Solution of	Liquor Sodii Carbolatis, N. F. III.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Sodium Carbonate, Dried	Sodii Carbonas Exsiccatus, N. F. III.
Sodium Carbonate, Monohydrated	Sodii Carbonas, Monohydratus, U. S. P.
Sodium Chlorate	Sodii Chloras, U. S. P. VIII.
Sodium Chloride	Sodii Chloridum, U. S. P.
Sodium Chloride, Physiological Solution of.	Liquor Sodii Chloridi Physiologicus, U. S. P.
Sodium Citrate	Sodii Citras, U. S. P.
Sodium Citrate, Solution of	Liquor Sodii Citratis, N. F.
Sodium Citro-Tartrate, Effervescent Solution of.	Liquor Sodii Citro-Tartratis Effervescens, N. F.
Sodium Cyanide	Sodii Cyanidum, U. S. P.
Sodium Glycerophosphate	Sodii Glycerophosphas, U. S. P.
Sodium Glycerophosphate, Solution of	Liquor Sodii Glycerophosphatis, U. S. P.
Sodium Hydrate	Sodii Hydroxidum, U. S. P.
Sodium Hydroxide	Sodii Hydroxidum, U. S. P.
Sodium Hydroxide, Solution of	Liquor Sodii Hydroxidi, U. S. P.
Sodium Hypophosphite	Sodii Hypophosphis, U. S. P.
Sodium Hypophosphite, Elixir of	Elixir Sodii Hypophosphitis, N. F.
Sodium Hypophosphite, Syrup of	Syrupus Sodii Hypophosphitis, N. F.
Sodium Hyposulphite	Sodii Thiosulphas, U. S. P.
Sodium Indigotindisulphonate	Sodii Indigotindisulphonas, U. S. P.
Sodium Iodide	Sodii Iodidum, U. S. P.
Sodium Nitrate	Sodii Nitras, U. S. P. VIII.
Sodium Nitrite	Sodii Nitris, U. S. P.
Sodium Oleate, Solution of	Liquor Sodii Oleatis, N. F. III.
Sodium Perborate	Sodii Perboras, U. S. P.
Sodium Phenolsulphonate	Sodii Phenolsulphonas, U. S. P.
Sodium Phosphate	Sodii Phosphas, U. S. P.
Sodium Phosphate, Compound Solution of.	Liquor Sodii Phosphatis Compositus, N. F.
Sodium Phosphate, Effervescent	Sodii Phosphas Effervescens, U. S. P.
Sodium Phosphate, Exsiccated	Sodii Phosphas, Exsiccatus, U. S. P.
Sodium Pyroborate	Sodii Boras, U. S. P.
Sodium Pyrophosphate	Sodii Pyrophosphas, U. S. P. VIII.
Sodium-Saccharin	Sodii Benzosulphinidum, U. S. P.
Sodium Salicylate	Sodii Salicylas, U. S. P.
Sodium Salicylate, Compound Elixir of	Elixir Sodii Salicylatis Compositum, N. F.
Sodium Salicylate, Elixir of	Elixir Sodii Salicylatis, N. F.
Sodium Santoninate, Troches of	Trochisci Sodii Santoninatis, N. F. III.
Sodium Sulphate	Sodii Sulphas, U. S. P.
Sodium Sulphite	Sodii Sulphis, U. S. P. VIII.
Sodium Sulphite, Exsiccated	Sodii Sulphis, Exsiccatus, U. S. P.
Sodium Sulphocarbolate	Sodii Phenolsulphonas, U. S. P.
Sodium Tetraborate	Sodii Boras, U. S. P.
Sodium Thiosulphate	Sodii Thiosulphas, U. S. P.
Soft Soap	Sapo Mollis, U. S. P.
Soft Soap, Liniment of	Linimentum Saponis Mollis, U. S. P.
Soft Soap, Compound Liniment of	Linimentum Saponis Mollis Compositum, N. F.
Soft Zinc Glycerogelatin	Glycerogelatinum Zinci Molle, N. F.
Soft Zinc Paste	Pasta Zinci Mollis, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Soft Zinc Paste, Unna's	Pasta Zinci Mollis, N. F.
Solanum	Solanum, N. F.
Solanum, Fluidextract of	Fluidextractum Solani, N. F.
Solidified Copaiba	Massa Copaibæ, N. F.
Solid Opodeldoc	Linimentum Saponato-Camphoratum, N. F.
Solid Petrox	Petroxolinum Spissum, N. F.
Solid Petroxolin	Petroxolinum Spissum, N. F.
Soluble Antiseptic Powder	Pulvis Antisepticus, N. F.
Soluble Cocoa	Cacao Præparata, N. F.
Soluble Ferric Citrate	Ferri et Ammonii Citras, U. S. P.
Soluble Ferric Oxide	Ferri Oxidum Saccharatum, N. F.
Soluble Ferric Phosphate	Ferri Phosphas, U. S. P.
Soluble Ferric Pyrophosphate	Ferri Pyrophosphas, N. F.
Soluble Gun Cotton	Pyroxolinum, U. S. P.
Soluble Manganese Citrate	Mangani et Sodii Citras, N. F.
Soluble Manganese Glycerophosphate	Mangani Glycerophosphas Solubilis, N. F.
Soluble Iron and Quinine Citrate	Ferri et Quininæ Citras, U. S. P.
Soluble Saccharin	Sodii Benzosulphinidum, U. S. P.
Soluble Tincture of Tolu	Tinctura Tolutana Solubilis, N. F. III.
Solutio Acetatis Ammonici	Liquor Ammonii Acetatis, U. S. P.
Solutio Ammoniaci	Aqua Ammoniæ, U. S. P.
Solutio Ammoniaci Concentrata	Aqua Ammoniæ Fortior, U. S. P.
Solutio Chloreti Ferrici	Liquor Ferri Chloridi, U. S. P.
Solutio Chloreti Spirituosa	Tinctura Ferri Chloridi, U. S. P.
Solutio Formaldehydi	Liquor Formaldehydi, U. S. P.
Solutio Hydratis Calcici	Liquor Calcis, U. S. P.
Solution, Alkaline Antiseptic	Liquor Antisepticus Alkalinus, N. F.
Solution, Antiseptic	Liquor Antisepticus, N. F.
Solution of Acid Phosphates	Liquor Phosphatum Acidus, N. F.
Solution of Albuminate of Iron	Liquor Ferri Albuminati, N. F.
Solution of Aluminum Acetate	Liquor Alumini Acetatis, N. F.
Solution of Aluminum Acetate, N. F. III	Liquor Alumini Subacetatis, N. F.
Solution of Aluminum Acetate, Crude	Liquor Alumini Acetatis, N. F.
Solution of Aluminum Acetico-Tartrate	Liquor Alumini Acetico-Tartratis, N. F.
Solution of Aluminum Subacetate	Liquor Alumini Subacetatis, N. F.
Solution of Ammonium Acetate	Liquor Ammonii Acetatis, U. S. P.
Solution of Ammonium Acetate, Concentrated.	Liquor Ammonii Acetatis Concentratus, N. F. III.
Solution of Ammonium Citrate	Liquor Ammonii Citratis, N. F.
Solution of Ammonium Citrate, Stronger	Liquor Ammonii Citratis, Fortior, N. F. III.
Solution of Arsenic, Clemen's	Liquor Arsenicalis, Clemen's, N. F.
Solution of Arsenic Hydrochloride	Liquor Acidi Arsenosi, U. S. P.
Solution of Arsenous Acid	Liquor Acidi Arsenosi, U. S. P.
Solution of Arsenous and Mercuric Iodide	Liquor Arseni et Hydrargyri Iodidi, U. S. P.
Solution of Basic Ferric Sulphate	Liquor Ferri Subsulphatis, U. S. P.
Solution of Benzosulphinide	Liquor Benzosulphinidi, N. F.
Solution of Bismuth	Liquor Bismuthi, N. F.
Solution of Bromide of Arsenic	Liquor Potassii Arsenatis et Bromidi, N. F. III.
Solution of Bromine	Liquor Bromi, N. F.
Solution of Calcium Hydroxide	Liquor Calcis, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Solution of Carmine	Liquor Carmini, N. F.
Solution of Chlorinated Potassa	Liquor Potassæ Chlorinatæ, N. F.
Solution of Chlorinated Soda	Liquor Sodæ Chlorinatæ, U. S. P.
Solution of Clorine, Compound	Liquor Chlori Compositus, N. F.
Solution of Coal Tar	Liquor Picis Carbonis, N. F.
Solution of Cresol, Compound	Liquor Cresolis Compositus, U. S. P.
Solution of Extract of Glycyrrhiza	Liquor Extracti Glycyrrhizæ, N. F. III.
Solution of Ferric Acetate	Liquor Ferri Acetatis, N. F.
Solution of Ferric Chloride	Liquor Ferri Chloridi, U. S. P.
Solution of Ferric Citrate	Liquor Ferri Citratis, N. F.
Solution of Ferric Hypophosphite	Liquor Ferri Hypophosphitis, N. F.
Solution of Ferric Nitrate	Liquor Ferri Nitratis, N. F.
Solution of Ferric Oxychloride	Liquor Ferri Oxychloridi, N. F.
Solution of Ferric Oxysulphate	Liquor Ferri Oxysulphatis, N. F.
Solution of Ferric Salicylate	Liquor Ferri Salicylatis, N. F.
Solution of Ferric Subsulphate	Liquor Ferri Subsulphatis, U. S. P.
Solution of Ferric Sulphate	Liquor Ferri Tersulphatis, U. S. P.
Solution of Ferric Tersulphate	Liquor Ferri Tersulphatis, U. S. P.
Solution of Ferrous Chloride	Liquor Ferri Protochloridi, N. F.
Solution of Ferrous Iodide	Liquor Ferri Iodidi, N. F. III.
Solution of Formaldehyde	Liquor Formaldehydi, U. S. P.
Solution of Ginger	Liquor Zingiberis, N. F. III.
Solution of Gold and Arsenic Bromide	Liquor Auri et Arseni Bromidi, N. F.
Solution of Gutta Percha	Liquor Gutta Perchæ, N. F.
Solution of Hypophosphite of Iron	Liquor Ferri Hypophosphitis, N. F.
Solution of Hypophosphites	Liquor Hypophosphitum, N. F.
Solution of Hydrogen Dioxide	Liquor Hydrogenii Dioxidi, U. S. P.
Solution of Hydrogen Peroxide	Liquor Hydrogenii Dioxidi, U. S. P.
Solution of Hypophysis	Liquor Hypophysis, U. S. P.
Solution of Iodine, Caustic	Liquor Iodi Causticus, N. F. III.
Solution of Iodine, Compound	Liquor Iodi Compositus, U. S. P.
Solution of Iron and Ammonium Acetate	Liquor Ferri et Ammonii Acetatis, U. S. P.
Solution of Iron Perchloride	Liquor Ferri Chloridi, U. S. P.
Solution of Iron Tersulphate	Liquor Ferri Tersulphatis, U. S. P.
Solution of Lead Subacetate	Liquor Plumbi Subacetatis, U. S. P.
Solution of Lead Subacetate, Diluted	Liquor Plumbi Subacetatis, Dilutum, U. S. P.
Solution of Magnesium Bromide	Liquor Magnesii Bromidi, N. F. III.
Solution of Magnesium Citrate	Liquor Magnesii Citratis, U. S. P.
Solution of Mercuric Nitrate	Liquor Hydrargyri Nitratis, N. F.
Solution of Mercury and Potassium Iodides	Liquor Hydrargyri et Potassii Iodidi, N. F.
Solution of Morphine Citrate	Liquor Morphinæ Citratis, N. F. III.
Solution of Morphine, Hypodermic	Liquor Morphinæ Hypodermicus, N. F. III.
Solution of Oxysylphuret of Calcium	Liquor Calcis Sulphuratæ, N. F.
Solution of Pancreatin	Liquor Pancreatini, N. F.
Solution of Pepsin	Liquor Pepsini, N. F.
Solution of Pepsin, Aromatic	Liquor Pepsini Aromaticus, N. F.
Solution of Peptonate of Iron	Liquor Ferri Peptonati, N. F.
Solution of Peptonate of Iron and Manganese.	Liquor Ferri Peptonati et Mangani, N. F.
Solution of Phosphates, Compound	Liquor Phosphatum Compositus, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Solution of Phosphorus	Liquor Phosphori, N. F.
Solution of Potassa	Liquor Potassii Hydroxidi, U. S. P.
Solution of Potassium Arsenate and Bromides.	Liquor Arsenicalis, Clemen's, N. F.
Solution of Potassium Arsenite	Liquor Potassii Arsenitis, U. S. P.
Solution of Potassium Citrate	Liquor Potassii Citratis, U. S. P.
Solution of Potassium Hydroxide	Liquor Potassii Hydroxidi, U. S. P.
Solution of Potassium Iodohydrargyrate	Liquor Hydrargyri et Potassii Iodidi, N. F.
Solution of Protochloride of Iron	Liquor Ferri Protochloridi, N. F.
Solution of Saccharin	Liquor Saccharini, N. F. III.
Solution of Soda	Liquor Sodii Hydroxidi, U. S. P.
Solution of Soda and Mint	Liquor Sodæ et Menthæ, N. F.
Solution of Sodium Arsenate	Liquor Sodii Arsenatis, U. S. P.
Solution of Sodium Arsenate, Pearson's	Liquor Sodii Arsenatis, Pearson, N. F.
Solution of Sodium Borate, Compound	Liquor Sodii Boratis Compositus, N. F.
Solution of Sodium Carbolate	Liquor Sodii Carbolatis, N. F. III.
Solution of Sodium Chloride, Physiological.	Liquor Sodii Chloridi Physiologicus, U. S. P.
Solution of Sodium Citrate	Liquor Sodii Citratis, N. F.
Solution of Sodium Glycerophosphate	Liquor Sodii Glycerophosphatis, U. S. P.
Solution of Sodium Hydroxide	Liquor Sodii Hydroxidi, U. S. P.
Solution of Sodium Citro-Tartrate, Effervescent.	Liquor Sodii Citro-Tartaris Effervescens, N. F.
Solution of Sodium Oleate	Liquor Sodii Oleatis, N. F. III.
Solution of Sodium Phosphate, Compound.	Liquor Sodii Phosphatis Compositus, N. F.
Solution of Strychnine Acetate	Liquor Strychninæ Acetatis, N. F.
Solution of Sulphurated lime	Liquor Calcis Sulphuratæ, N. F.
Solution of Tar, Alkaline	Liquor Picis Alkalinus, N. F.
Solution of the Pituitary Body	Liquor Hypophysis, U. S. P.
Solution of Zinc and Aluminum, Compound.	Liquor Zinci et Alumini Compositus, N. F.
Solution of Zinc and Iron, Compound	Liquor Zinci et Ferri Compositum, N. F.
Solution of Zinc Chloride	Liquor Zinci Chloridi, U. S. P.
Solutio Salina	Liquor Sodii Chloridi Physiologicus, U. S. P.
Solutio Subacetatis Plumbici	Liquor Plumbi Subacetatis, U. S. P.
Spanish Flies	Cantharis, U. S. P.
Sparteine Sulphate	Sparteinæ Sulphas, U. S. P.
Sparteinum Sulfuricum	Sparteinæ Sulphas, U. S. P.
Spearmint	Mentha Viridis, U. S. P.
Spearmint oil	Oleum Menthæ Viridis, U. S. P.
Spearmint, Spirit of	Spiritus Menthæ Viridis, U. S. P.
Spearmint Water	Aqua Menthæ Viridis, U. S. P.
Species Ad Infusum Pectorale	Species Pectorales, N. F.
Species, Emollient	Species Emollientes, N. F.
Species, Laxative	Species, Laxativæ, N. F.
Species, Pectoral	Species Pectorales, N. F.
Spermaceti	Cetaceum, U. S. P.
Spermaceti Cerate	Ceratum Cetacei, N. F. III.
Spiced Syrup of Rhubarb	Syrupus Rhei Aromaticus, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Spice Plaster	Emplastrum Aromaticum, N. F. III.
Spigelia	Spigelia, U. S. P.
Spigelia, Fluidextract of	Fluidextractum Spigeliæ, U. S. P.
Spignet	Aralia, N. F.
Spirit, Aromatic	Spiritus Aromaticus, N. F.
Spirit of Ammonia	Spiritus Ammoniæ, U. S. P. VIII.
Spirit of Ammonia, Anisated	Spiritus Ammonii Anisatus, N. F.
Spirit of Ammonia, Aromatic	Spiritus Ammoniæ Aromaticus, U. S. P.
Spirit of Anise	Spiritis Anisi, U. S. P.
Spirit of Ants	Spiritus Acidi Formici, N. F.
Spirit of Volatile Oil	Spiritus Oleorum Volatilum, N. F.
Spirit of Bitter Almond	Spiritus Amygdalæ Amaræ, U. S. P.
Spirit of Camphor	Spiritus Camphoræ, U. S. P.
Spirit of Cardamom, Compound	Spiritus Cardamomi Compositus, N. F.
Spirit of Chloroform	Spiritus Chloroformi, U. S. P.
Spirit of Cinnamon	Spiritus Cinnamomi, U. S. P.
Spirit of Curacao	Spiritus Curassao, N. F. III.
Spirit of Ether	Spiritus Ætheris, U. S. P.
Spirit of Ether, Compound	Spiritus Ætheris Compositus, N. F.
Spirit of Formic Acid	Spiritus Acidi Formici, N. F.
Spirit of Gaultheria	Spiritus Gaultheriæ, U. S. P. VIII.
Spirit of Glonoin	Spiritus Glycerylis Nitratis, U. S. P.
Spirit of Glyceryl Trinitrate	Spiritus Glycerylis Nitratis, U. S. P.
Spirit of Juniper	Spiritus Juniperi, U. S. P.
Spirit of Juniper, Compound	Spiritus Juniperi Compositus, U. S. P.
Spirit of Lavender	Spiritus Lavandulæ, U. S. P.
Spirit of Lemon	Spiritus Limonis, N. F. III.
Spirit of Mindererus	Liquor Ammonii Acetatis, U. S. P.
Spirit of Mustard	Spiritus Sinapis, N. F.
Spirit of Myrciæ Compound	Spiritus Myrciæ Compositus, N. F.
Spirit of Nitroglycerin	Spiritus Glycerylis Nitratis, U. S. P.
Spirit of Nitrous Ether	Spiritus Ætheris Nitrosi, U. S. P.
Spirit of Nutmeg	Spiritus Myristicæ, N. F. III.
Spirit of Orange	Spiritus Aurantii, N. F. III.
Spirit of Orange, Compound	Spiritus Aurantii Compositus, U. S. P.
Spirit of Peppermint	Spiritus Menthæ Piperitæ, U. S. P.
Spirit of Phosphorus	Spiritus Phosphori, N. F. III.
Spirit of Salt	Acidum Hydrochloricum, U. S. P.
Spirit of Soap	Spiritus Saponatus, N. F. III.
Spirit of Spearmint	Spiritus Menthæ Viridis, U. S. P.
Spirits of Turpentine	Oleum Terebinthinæ, U. S. P.
Spirit of Vanillin, Compound	Spiritus Vanillini Compositus, N. F.
Spirit of Volatile Oils	Spiritus Oleorum Volatilum, N. F.
Spirit, Ophthalmic	Spiritus Ophthalmicus, N. F. III.
Spirit, Perfumed	Spiritus Odoratus, N. F.
Spiritus	Alcohol, U. S. P.
Spiritus Ætherus	Spiritus Ætheris, U. S. P.
Spiritus Camphoratus	Spiritus Camphoræ, U. S. P.
Spiritus Dilutus	Alcohol Dilutum, U. S. P.
Spiritus Formicarum	Spiritus Acidi Formici, N. F.
Spiritus Saponatis	Linimentum Saponis Mollis, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Spiritus Saponis Camphoratus	Linimentum Saponis, U. S. P.
Spleen Mixture	Mistura Splenetica, N. F. III.
Splenetic Mixture	Mistura Splenetica, N. F. III.
Sponge, Compressed	Spongia Compressa, N. F. III.
Sponge, Decolorized	Spongia Decolorata, N. F. III.
Sponge Tent	Spongia Compressa, N. F. III.
Spray, Aromatic Oil	Nebula, Aromatic, N. F.
Spray, Compound Menthol	Nebula Mentholis Composita, N. F.
Spray, Eucalyptol	Nebula Eucalyptolis, N. F.
Spray, Menthol	Nebula Mentholis, N. F.
Spray, Thymol	Nebula Thymolis, N. F.
Spurred Rye	Ergota, U. S. P.
Squaw Root	Caulophyllum, N. F.
Squibb's Diarrhœa Mixture	Mistura Opii et Chloroformi Composita, N. F.
Squibb's Rhubarb Mixture	Mistura Rhei Composita, N. F. III.
Squill	Scilla, U. S. P.
Squill, Compound Syrup of	Syrupus Scillæ Compositus, U. S. P.
Squill, Fluidextract of	Fluidextractum Scillæ, U. S. P.
Squill, Oxymel of	Oxymel Scillæ, N. F.
Squill, Syrup of	Syrupus Scillæ, U. S. P.
Squill, Tincture of	Tinctura Scillæ, U. S. P.
Squirrel Corn	Corydalis, N. F.
Staphisagria	Staphisagria, U. S. P.
Staphisagria, Fluidextract of	Fluidextractum Staphisagriæ, U. S. P.
Starch	Amylum, U. S. P.
Starch, Glycerite of	Glyceritum Amyli, U. S. P.
Starch, Iodized	Amylum Iodatum, N. F. III.
Star Grass	Aletris, N. F.
Stavesacre	Staphisagria, U. S. P.
Stearic Acid	Acidum Stearicum, U. S. P.
Stearinum	Acidum Stearicum, U. S. P.
Steatina	Unguenta Extensa, N. F. III.
Steatins	Mullæ, N. F.
Sterilized Distilled Water	Aqua Destillata Sterilizata, U. S. P.
St. Germain Tea	Species Laxativæ, N. F.
Stillingia	Stillingia, U. S. P.
Stillingia, Compound Elixir of	Elixir Stillingiæ Compositum, N. F. III.
Stillingia, Compound Fluidextract of	Fluidextractum Stillingiæ Compositum, N. F.
Stillingia, Compound Syrup of	Syrupus Stillingiæ Compositus, N. F.
Stillingia, Fluidextract of	Fluidextractum Stillingiæ, U. S. P.
St. John Long's Liniment	Linimentum Terebinthinæ Aceticum, N. F.
Stokes' Expectorant	Mistura Pectoralis, Stokes, N. F.
Stokes' Liniment	Linimentum Terebinthinæ, Aceticum, N. F.
Stokes' Mixture	Mistura Pectoralis, Stokes, N. F.
Stomach Drops	Tinctura Amara, N. F.
Stomachic Tincture	Tinctura Amara, N. F.
Storax	Styrax, U. S. P.
Stramonium	Stramonium, U. S. P.
Stramonium, Extract of	Extractum Stramonium, U. S. P.
Stramonium, Fluidextract of	Fluidextractum Stramonii, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Stramonium Ointment	Unguentum Stramonii, U. S. P.
Stramonium, Tincture of	Tinctura Stramonii, U. S. P.
Stramonium Seed, Fluidextract of	Fluidextractum Stramonii Seminis, N. F. III.
Stramonium Seed, Extract of	Extractum Stramonii Seminis, N. F. III.
Stramonium Seed, Tincture of	Tinctura Stramonii Seminis, N. F. III.
Strengthening Plaster	Emplastrum Ferri, N. F. III.
Stronger Ammonia Water	Aqua Ammoniæ Fortior, U. S. P.
Stronger Compound Infusion of Gentian	Infusum Gentianæ Compositum, Fortius, N. F. III.
Stronger Emulsion of Oil of Turpentine	Emulsum Olei Terebinthinæ Fortior, N. F. III.
Stronger Orange Flower Water	Aqua Aurantii Florum Fortior, U. S. P.
Stronger Pills of Iron, Quinine, Strychnine and Arsenic.	Pilulæ Ferri Quininæ Strychninæ, Arseni Fortiores, N. F.
Stronger Resorcinol Paste	Pasta Resorcinolis Fortior, N. F.
Stronger Rose Water	Aqua Rosæ Fortior, U. S. P.
Stronger Solution of Ammonium Citrate	Liquor Ammonii Citratis Fortior, N. F. III.
Stronger Tincture of Iodine	Tinctura Iodi Fortior, N. F.
Stronger White Wine	Vinum Album Fortius, N. F. III.
Strontium Bromide	Strontii Bromidum, U. S. P.
Strontium Carbonate	Strontii Carbonas, N. F.
Strontium Iodide	Strontii Iodidum, U. S. P.
Strontium Salicylate	Strontii Salicylas, U. S. P.
Strophanthin	Strophanthinum, U. S. P.
Strophanthi Tinctura P. I	Tinctura Strophanthi, U. S. P.
Strophanthus	Strophanthus, U. S. P.
Strophanthus, Tincture of	Tinctura Strophanthi, U. S. P.
Strychnine	Strychninæ, U. S. P.
Strychnine Acetate, Solution of	Liquor Strychninæ Acetatis, N. F.
Strychnine Glycerinophosphate	Strychninæ Glycerophosphas, N. F.
Strychnine Glycerophosphate	Strychninæ Glycerophosphas, N. F.
Strychnine Nitrate	Strychninæ Nitras, U. S. P.
Strychnine Sulphate	Strychninæ Sulphas, U. S. P.
Strychnine Valerate	Strychninæ Valeras, N. F.
Strychnine Valerate, Elixir of	Elixir Strychninæ Valeratis.
Strychninum	Strychnina, U. S. P.
Strychninum Nitricum	Strychninæ Nitras, U. S. P.
Strychninum Sulfuricum	Strychninæ Sulphas, U. S. P.
Styptic Collodion	Collodium Stypticum, N. F.
Styptic Cotton	Gossypium Stypticum, N. F.
Styrax Liquidus	Styrax, U. S. P.
Subchloride of Mercury	Hydrargyri Chloridum Mite, U. S. P.
Subgallas Bismuthicus	Bismuthi Subgallas, U. S. P.
Sublimed Sulphur	Sulphur Sublimatum, U. S. P.
Subnitras Bismuthicus	Bismuthi Subnitras, U. S. P.
Subsalicylas Bismuthicus	Bismuthi Subsalicylas, U. S. P.
Succus Limettæ cum Pepsino, N. F. III	Succus Citri et Pepsinum, N. F.
Sucrose	Saccharum, U. S. P.
Suet, Benzoinated	Sevum Benzoinatum, N. F.
Suet, Prepared	Sevum Præparatum, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Sugar	Saccharum, U. S. P.
Sugar of Milk	Saccharum Lactis, U. S. P.
Sugar of Lead	Plumbi Acetas, U. S. P.
Sulfas Aluminico-Kalicus	Alumen, U. S. P.
Sulfas Aluminico-Kalicus Ustus	Alumen Exsiccatum, U. S. P.
Sulfas Atropicus	Atropinæ Sulphas, U. S. P.
Sulfas Chinicus	Quininæ Sulphas, U. S. P.
Sulfas Cupricus	Cupri Sulphas, U. S. P.
Sulfas Ferrosus	Ferri Sulphas, U. S. P.
Sulfas Ferrosus Siccatis	Ferri Sulphas Exsiccatus, U. S. P.
Sulfas Kalicus	Potassii Sulphas, U. S. P.
Sulfas Magnesicus	Magnesii Sulphas, U. S. P.
Sulfas Natricus	Sodii Sulphas, U. S. P.
Sulfas Spareticus	Sparteinæ Sulphas, U. S. P.
Sulfonalum	Sulphonmethanum, U. S. P.
Sulfas Zincicus	Zinci Sulphas, U. S. P.
Sulfur Depuratum	Sulphur Lotum, U. S. P.
Sulfur Praecipitatum	Sulphur Præcipitatum, U. S. P.
Sulfur Sublimatum	Sulphur Sublimatum, U. S. P.
Sulphas Alumicus	Alumini Sulphas, N. F.
Sulphonal	Sulphonmethanum, U. S. P.
Sulphonethylmethane	Sulphonethymmethanum, U. S. P.
Sulphonmethane	Sulphonmethanum, U. S. P.
Sulphur and Potassium Bitartrate, Troches of.	Trochisci Sulphuris et Potassii Bitartratis, N. F.
Sulphurated Animony	Antimonium Sulphuratum, N. F.
Sulphurated Lime	Calcii Sulphidum Crudum, U. S. P.
Sulphurated Lime, Solution of	Liquor Calcis Sulphuratæ, N. F.
Sulphurated Potassa	Potassa Sulphurata, U. S. P.
Sulphurated Petrox	Petroxolinum Sulphurata, N. F.
Sulphurated Petroxolin	Petroxolinum Sulphurata, N. F.
Sulphurated Zinc Paste	Pasta Zinci Sulphurata, N. F.
Sulphuric Acid	Acidum Sulphuricum, U. S. P.
Sulphuric Acid, Aromatic	Acidum Sulphuricum Aromaticum, U. S. P.
Sulphuric Acid, Diluted	Acidum Sulphuricum Dilutum, U. S. P.
Sulphuric Acid Mixture	Mistura Sulphurica Acida, N. F. III.
Sulphur Iodide	Sulphuris Iodidum, N. F.
Sulphur Ointment	Unguentum Sulphuris, U. S. P.
Sulphur Ointment, Alkaline	Unguentum Sulphuris Alkalinum, N. F.
Sulphur Ointment, Compound	Unguentum Sulphuris Compositum, N. F.
Sulphurous Acid	Acidum Sulphurosum, U. S. P. VIII.
Sulphur, Precipitated	Sulphur Præcipitatum, U. S. P.
Sulphur, Sublimed	Sulphur Sublimatum, U. S. P.
Sulphur, Washed	Sulphur Lotum, U. S. P.
Sumac Berries	Rhus Glabra, N. F.
Sumbul	Sumbul, U. S. P.
Sumbul, Extract of	Extractum Sumbul, U. S. P.
Sumbul, Fluidextract of	Fluidextractum Sumbul, U. S. P.
Sumbul, Tincture of	Tinctura Sumbul, N. F.
Sun Cholera Mixtura	Mistura Opii et Rhei Composita, N. F.
Sundew	Drosera, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Supercarbonas Ammonicus	Ammonii Carbonas, U. S. P.
Suppositories	Suppositoria, U. S. P.
Suppositories of Boroglycerin	Suppositoria Boroglycerini, N. F.
Suppositories of Glycerin	Suppositoria Glycerini, U. S. P.
Suprarenals, Dried	Suprarenalum Siccum, U. S. P.
Sweet Almond	Amygdala Dulcis, U. S. P.
Sweet Grass	Triticum, U. S. P.
Sweet Orange Peel	Aurantii Dulcis Cortex, U. S. P.
Sweet Spirit of Nitre	Spiritus Ætheris Nitrosi, U. S. P.
Sweet Tincture of Rhubarb	Tinctura Rhei Dulcis, N. F.
Sydenham's Laudanum	Tinctura Opii Crocata, N. F.
Syrup	Syrupus, U. S. P.
Syrup of Acacia	Syrupus Acaciæ, U. S. P.
Syrup of Actaea Compound, N. F. III	Syrupus Cimicifugæ Compositus, N. F.
Syrup of Almond	Syrupus Amygdalæ, U. S. P. VIII.
Syrup of Althaea	Syrupus Althææ, N. F.
Syrup of Ammonium Hypophosphite	Syrupus Ammonii Hypophosphitis, N. F.
Syrup of Arsenate of Iron	Syrupus Ferri Arsenatis, N. F. III.
Syrup of Asarum, Compound	Syrupus Asari Compositus, N. F.
Syrup of Blackberry	Syrupus Rubi, N. F.
Syrup of Blackberry Fruit	Syrupus Rubi Fructi, N. F.
Syrup of Bloodroot	Syrupus Sanguinariæ, N. F.
Syrup of Bromide of Iron	Syrupus Ferri Bromidi, N. F. III.
Syrup of Buckthorn Berries	Syrupus Rhamni Cathartici, N. F.
Syrup of Calcium and Sodium Hypophosphites.	Syrupus Calcii et Sodii Hypophosphitis, N. F.
Syrup of Calcium Hydrochlorophosphate	Syrupus Calcii Hydrochlorophosphatis, N. F.
Syrup of Calcium Hydroxide	Syrupus Calcis, U. S. P. VIII.
Syrup of Calcium Hypophosphite	Syrupus Calcii Hypophosphitis, N. F.
Syrup of Calcium Iodide	Syrupus Calcii Iodidi, N. F.
Syrup of Calcium Lactophosphate	Syrupus Calcii Lactophosphatis, U. S. P.
Syrup of Calcium Lactophosphate with Iron.	Syrupus Calcii Lactophosphatis et Ferri, N. F.
Syrup of Chondrus, Compound	Syrupus Chondri Compositus, N. F. III.
Syrup of Cimicifuga, Compound	Syrupus Cimicifugæ Compositus, N. F.
Syrup of Cinnamon	Syrupus Cinnamomi, N. F.
Syrup of Citric Acid	Syrupus Acidi Citrici, U. S. P.
Syrup of Citro-Iodide of Iron	Syrupus Ferri Citro-Iodidi, N. F. III.
Syrup of Codeine	Syrupus Codeinæ, N. F.
Syrup of Coffee	Syrupus Coffeæ, N. F. III.
Syrup of Dover's Powder	Syrupus Ipecacuanhæ et Opii, N. F.
Syrup of Eriodictyon, Aromatic	Syrupus Eriodictyi Aromaticus, N. F.
Syrup of Ferric Hypophosphite	Syrupus Ferri Hypophosphitis, N. F.
Syrupus Ferri Iodati, P. I.	Syrupus Ferri Iodidi, U. S. P.
Syrupus Ferri Oxydati Solubilis	Syrupus Ferri Saccharati Solubilis, N. F.
Syrup of Ferrous Chloride	Syrupus Ferri Protochloridi, N. F.
Syrup of Ferrous Iodide	Syrupus Ferri Iodidi, U. S. P.
Syrup of Figs, Compound	Syrupus Ficorum Compositus, N. F.
Syrup of Garlic	Syrupus Allii, N. F.
Syrup of Ginger	Syrupus Zingiberis, U. S. P.
Syrupy Glucose	Glucosum, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Syrup of Glycyrrhiza	Syrupus Glycyrrhizæ, N. F.
Syrup of Hydriodic Acid	Syrupus Acidi Hydriodici, U. S. P.
Syrup of Hydrochlorophosphates, N. F., III.	Syrupus Phosphatum cum Quinina et Strychnina, N. F.
Syrup of Hypophosphites	Syrupus Hypophosphitum, U. S. P.
Syrup of Hypophosphites, Compound	Syrupus Hypophosphitum Compositum, N. F.
Syrup of Iodo-Tannin	Syrupus Iodotannicus, N. F.
Syrup of Ipecac	Syrupus Ipecacuanhæ, U. S. P.
Syrup of Ipecac and Opium	Syrupus Ipecacuanhæ et Opii, N. F.
Syrup of Iron and Manganese Iodides	Syrupus Ferri et Mangani Iodidi, N. F.
Syrup of Iron Lactophosphate	Syrupus Ferri Lactophosphatis, N. F.
Syrup of Krameria	Syrupus Krameriæ, N. F.
Syrup of Lactophosphate of Lime with Iron.	Syrupus Calcii Lactophosphatis et Ferri N. F.
Syrup of Lactucarium	Syrupus Lactucarii, U. S. P.
Syrup of Licorice	Syrupus Glycyrrhizæ, N. F.
Syrup of Lime	Syrupus Calcis, U. S. P. VIII.
Syrup of Manna	Syrupus Mannæ, N. F.
Syrup of Marshmallow	Syrupus Althææ, N. F.
Syrup of Morphine and Acacia	Syrupus Morphinæ et Acaciæ, N. F.
Syrup of Morphine, Compound	Syrupus Morphinæ Compositus, N. F. III.
Syrup of Morphine Sulphate	Syrupus Morphinæ Sulphatis, N. F.
Syrup of Orange	Syrupus Aurantii, U. S. P.
Syrup of Orange Flowers	Syrupus Aurantii Florum, U. S. P.
Syrup of Phosphates, Compound	Syrupus Phosphatum Compositus, N. F.
Syrup of Phosphates with Quinine and Strychnine.	Syrupus Phosphatum cum Quinina et Strychnina, N. F.
Syrup of Poppy Capsules	Syrupus Papaveris, N. F.
Syrup of Protochloride of Iron	Syrupus Ferri Protochloridi, N. F.
Syrup of Quinidine	Syrupus Quinidinæ, N. F.
Syrup of Raspberry	Syrupus Rubi Fructi, N. F.
Syrup of Rhamnus Catharticus	Syrupus Rhamni Cathartici, N. F.
Syrup of Rhubarb	Syrupus Rhei, U. S. P.
Syrup of Rhubarb, Aromatic	Syrupus Rhei Aromaticus, U. S. P.
Syrup of Rose	Syrupus Rosæ, N. F.
Syrup of Rubus	Syrupus Rubi, N. F.
Syrup of Saccharated Oxide of Iron	Syrupus Ferri Saccharati Solubilis, N. F.
Syrup of Sanguinaria	Syrupus Sanguinariæ, N. F.
Syrup of Sarsaparilla, Compound	Syrupus Sarsaparillæ Compositus, U. S. P.
Syrup of Senna, Aromatic	Syrupus Sennæ Aromaticus, N. F.
Syrup of Senna, Compound	Syrupus Sennæ Compositus, N. F.
Syrup of Sodium Hypophosphite	Syrupus Sodii Hypophosphitis, N. F.
Syrup of Soluble Oxide of Iron	Syrupus Ferri Saccharati Solubilis, N. F.
Syrup of Soluble Saccharated Iron	Syrupus Ferri Saccharati Solubilis, N. F.
Syrup of Senega	Syrupus Senegæ, U. S. P.
Syrup of Senna	Syrupus Sennæ, U. S. P.
Syrupus Spinae Cervinae	Syrupus Rhamni Cathartici, N. F.
Syrup of Squill	Syrupus Scillæ, U. S. P.
Syrup of Squill, Compound	Syrupus Scillæ Compositus, U. S. P.
Syrup of Stillingia, Compound	Syrupus Stillingiæ Compositus, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Syrup of Tar	Syrupus Picis Liquidæ, U. S. P.
Syrup of the Bromides	Syrupus Bromidorum, N. F.
Syrup of the Phosphates, Compound	Syrupus Phosphatum Compositus, N. F.
Syrup of the Phosphates of Iron, Quinine and Strychnine.	Syrupus Ferri, Quininæ et Strychninæ Phosphatum, N. F.
Syrup of Tolu	Syrupus Tolutanus, U. S. P.
Syrup of White Pine, Compound	Syrupus Pini Strobi Compositus, N. F.
Syrup of White Pine with Morphine, Compound.	Syrupus Pini Strobi Compositus cum Morphina, N. F.
Syrup of Wild Cherry	Syrupus Pruni Virginianæ, U. S. P.
Syrupus Actææ Compositus, N. F. III	Syrupus Cimicifugæ Compositus, N. F.
Syrupus Corrigens	Syrupus Eriodictyi Aromaticus, N. F.
Syrupus Calcii Chlorhydrophosphatis, N. F. III.	Syrupus Calcii Hydrochlorophosphatis, N. F.
Syrupus Calcii Lactophosphatis cum Ferro, N. F. III.	Syrupus Calcii Lactophosphatis et Ferri, N. F.
Syrupus Hydrochlorophosphatum, N. F. III.	Syrupus Phosphatum cum Quinina et Strychnina, N. F.
Syrupus Jodeti Ferrosi	Syrupus Ferri Iodidi, U. S. P.
Syrupus Pectoralis, N. F. III	Syrupus Morphinæ et Acaciæ, N. F.
Syrupus Pini Strobi Compositus, N. F. III.	Syrupus Pini Strobi Compositus cum Morphina, N. F.
Syrupus Rhei et Potassii Compositus, U. S. P.	Mistura Rhei Alkalina, N. F.
Syrups	Syrupi, N. F.
Tablets of Corrosive Mercuric Chloride, Poison.	Toxitabellæ Hydrargyri Chloridi Corrosivi, U. S. P.
Talc	Talcum, U. S. P., VIII.
Talc, Boro-Salicylated Powder of	Pulvis Talci Boro-Salicylatis, N. F.
Talc, Compound Powder of	Pulvis Talci Compositus, N. F.
Talc, Purified	Talcum Purificatum, U. S. P.
Tamarind	Tamarindus, N. F.
Tannic Acid	Acidum Tannicum, U. S. P.
Tannic Acid, Glycerite of	Glyceritum Acidi Tannici, U. S. P.
Tannic Acid, Ointment of	Unguentum Acidi Tannici, U. S. P.
Tannic Acid, Troches of	Trochisci Acidi Tannici, U. S. P.
Tar	Pix Liquida, U. S. P.
Tar, Alkaline Solution of	Liquor Picis Alkalinus, N. F.
Taraxacum	Taraxacum, U. S. P.
Taraxacum, Compound Elixir of	Elixir Taraxaci Compositum, N. F.
Taraxacum, Extract of	Extractum Taraxaci, U. S. P.
Taraxacum, Fluidextract of	Fluidextractum Taraxaci, U. S. P.
Tar, Compound Elixir of	Elixir Picis Compositum, N. F.
Tar, Glycerite of	Glyceritum Picis Liquidæ, N. F.
Tar Mixture	Mistura Olei Picis, N. F.
Tar Ointment	Unguentum Picis Liquidæ, U. S. P.
Tar Ointment, Compound	Unguentum Picis Compositum, N. F.
Tar Petrox	Petroxolinum Picis, N. F.
Tar Petroxolin	Petroxolinum Picis, N. F.
Tar, Rectified Oil of	Oleum Picis Liquidæ Rectificatum, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Tar, Syrup of	Syrupus Picis Liquidæ, U. S. P.
Tartar Emetic	Antimonii et Potassii Tartras, U. S. P.
Tartaric Acid	Acidum Tartaricum, U. S. P.
Tartaric Acid, Saccharated	Acidum Tartaricum Saccharatum, N. F. III.
Tartarus Stibiatus	Antimonii et Potassii Tartras, U. S. P.
Tartras Natrico-Kalicus	Potassii et Sodii Tartras, U. S. P.
Tartras Stibico-Kalicus	Antimonii et Potassii Tartras, U. S. P.
Tartrated Antimony	Antimonii et Potassii Tartras, U. S. P.
Tar, Wine of	Vinum Picis, N. F.
Tasteless Syrup of Iodide of Iron	Syrupus Ferri Citro-Iodidi, N. F. III.
Tasteless Tincture of Ferric Chloride	Tinctura Ferri Citro-Chloridi, N. F.
Tasteless Tincture of Iron	Tinctura Ferri Citro-Chloridi, N. F.
Teel Oil	Oleum Sesami, U. S. P.
Terebene	Terebenum, U. S. P.
Terpin Hydrate	Terpini Hydras, U. S. P.
Terpin Hydrate, Elixir of	Elixir Terpini Hydratis, N. F.
Terpin Hydrate and Codeine, Elixir of	Elixir Terpini Hydratis et Codeina, N. F.
Terpin Hydrate and Diacetylmorphine, Elixir of.	Elixir Terpini Hydratis et Diacetylmorphinæ, N. F.
Terpinum Hydratum	Terpini Hydras, U. S. P.
Tetanus Antitoxin	Serum Antitetanicum, U. S. P.
Tetanus Antitoxin Globulins	Serum Antitetanicum Purificatum, U. S. P.
Texas Snakeroot	Serpentaria, U. S. P.
Theine	Caffeina, U. S. P.
Theobroma, Oil of	Oleum Theobromatis, U. S. P.
Theobromine Sodio-Salicylate	Theobrominæ Sodio-Salicylas, U. S. P.
Theophylline	Theophyllina, U. S. P.
Thielmann's Diarrhoea Mixture	Mistura Contra Diarrhœam, N. F. III.
Thomsonian Number Six	Tinctura Capsici et Myrrhae, N. F.
Thompson's Solution of Phosphorus	Liquor Phosphori, N. F.
Thoroughwort	Eupatorium, N. F.
Three Bromides, Elixir of	Elixir Trium Bromidorum, N. F.
Thuja	Thuja, N. F.
Thuja, Fluidextract of	Fluidextractum Thujæ, N. F.
Thyme	Thymus, N. F.
Thyme, Fluidextract of	Fluidextractum Thymi, N. F.
Thyme Oil	Oleum Thymi, U. S. P.
Thymol	Thymol, U. S. P.
Thymol Iodide	Thymolis Iodidum, U. S. P.
Thymol Spray	Nebula Thymolis, N. F.
Thyroids, Dried	Thyroideum Siccum, U. S. P.
Tinctura Aconiti, P. I	Tinctura Aconiti, U. S. P.
Tinctura Asae Foetidae	Tinctura Asafœtidæ, U. S. P.
Tinctura Belladonnae	Tinctura Belladonnæ Foliorum, U. S. P.
Tinctura Cantharidis, P. I	Tinctura Cantharidis, U. S. P.
Tinctura Chinae	Tinctura Cinchonæ, U. S. P.
Tinctura Chinae Composita	Tinctura Cinchonæ Composita, U. S. P
Tinctura Colchici, P. I	Tinctura Colchici Seminis, U. S. P.
Tinctura Coto, N. F. III	Tinctura Paracoto, N. F.
Tinctura Digitalis, P. I	Tinctura Digitalis, U. S. P.
Tinctura Herbarum Recentium, U. S. P. VIII.	Tincturæ Medicamentorum Recentum, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Tinctura Hyoscyami, P. I	*Tinctura* Hyoscyami, U. S. P.
Tinctura Jodi	Tinctura Iodi, U. S. P.
Tinctura Lobeliae, P. I	Tinctura Lobeliæ, U. S. P.
Tinctura Opii, P. I	Tinctura Opii, U. S. P.
Tinctura Opii Crocata, P. I	Tinctura Opii Crocata, N. F.
Tinctura Strychni, P. I	Tinctura Nucis Vomicæ, U. S. P.
Tincture, Antiperiodic	Tinctura Antiperiodica, N. F.
Tincture, Antiperiodic without Aloes	Tinctura Antiperiodica sine Aloe, N. F.
Tincture, Bitter	Tinctura Amara, N. F.
Tincture of Aconite	Tinctura Aconiti, U. S. P.
Tincture of Aloes	Tinctura Aloes, U. S. P.
Tincture of Aloes and Myrrh	Tinctura Aloes et Myrrhae, N. F.
Tincture of Arnica	Tinctura Arnicæ, U. S P.
Tincture of Arnica Root	Tinctura Arnicæ Radicis, N. F. III.
Tincture, Aromatic	Tinctura Aromatica, N. F.
Tincture of Asafetida	Tinctura Asafoetidæ, U. S. P.
Tincture of Belladonna Leaves	Tinctura Belladonnæ Foliorum, U. S. P.
Tincture of Benzoin	Tinctura Benzoini, U. S. P.
Tincture of Benzoin, Compound	Tinctura Benzoini Composita, U. S. P.
Tincture of Bitter Orange Peel	Tinctura Aurantii Amari, U. S. P.
Tincture of Bloodroot	Tinctura Sanguinariæ, U. S. P.
Tincture of Bryonia	Tinctura Bryoniæ, N. F.
Tincture of Cactus Grandiflorus	Tinctura Cacti Grandiflori, N. F.
Tincture of Calabar Bean	Tinctura Physostigmatis, U. S. P.
Tincture of Calendula	Tinctura Calendulæ, N. F.
Tincture of Calumba	Tinctura Calumbæ, U. S. P.
Tincture of Cannabis	Tinctura Cannabis, U. S. P.
Tincture of Cannabis Indica, U. S. P. VIII.	Tinctura Cannabis, U. S. P.
Tincture of Cantharides	Tinctura Cantharidis, U. S. P.
Tincture of Capsicum	Tinctura Capsici, U. S. P.
Tincture of Capsicum and Myrrh	Tinctura Capsici et Myrrhæ, N. F.
Tincture of Caramel	Tinctura Caramellis, N. F.
Tincture of Cardamom	Tinctura Cardamomi, U. S. P.
Tincture of Chirata	Tinctura Chiratæ, N. F. III.
Tincture of Cimicifuga	Tincture Cimicifugæ, N. F.
Tincture of Cinchona	Tinctura Cinchonæ, U. S. P.
Tincture of Cinchona, Compound	Tinctura Cinchonæ Composita, U. S. P.
Tincture of Cinchona, Detannated	Tinctura Cinchonæ Detannata, N. F. III.
Tincture of Cinnamon	Tinctura Cinnamomi, U. S. P.
Tincture of Cocculus Indicus	Tinctura Cocculi Indici, N. F.
Tincture of Colchicum Seed	Tinctura Colchici Seminis, U. S. P.
Tincture of Conium	Tinctura Conii, N. F. III.
Tincture of Coto, N. F. III	Tinctura Paracoto, N. F.
Tincture of Cresol, Saponated	Tinctura Cresoli Saponata, N. F. III.
Tincture of Crude Malate of Iron	Tinctura Ferri Pomata, N. F.
Tincture of Cubeb	Tinctura Cubebæ, N. F.
Tincture of Cudbear	Tinctura Persionis, N. F.
Tincture of Cudbear, Compound	Tinctura Persionis Composita, N. F.
Tincture of Deodorized Opium	Tinctura Opii Deodorati, U. S. P.
Tincture of Digitalis	Tinctura Digitalis, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Tincture of Dover's Powder	Tinctura Ipecacuanhæ et Opii, N. F.
Tincture of Ergot, Ammoniated	Tinctura Ergotæ, Ammoniata, N. F.
Tincture of Ferrated Extract of Apples	Tinctura Ferri Pomata, N. F.
Tincture of Ferric Chloride	Tinctura Ferri Chloridi, U. S. P.
Tincture of Ferric Chloride, Ethereal	Tinctura Ferri Chloridi Ætherea, N. F.
Tincture of Ferric Citro-Chloride	Tinctura Ferri Citro-Chloridi, N. F.
Tincture of Ferrous Malates, Crude	Tinctura Ferri Pomata, N. F.
Tincture of Fish Berry	Tinctura Cocculi Indici, N. F.
Tincture of Fresh Drugs	Tincturæ Medicamentorum Recentium, N. F.
Tincture of Gambir, Compound	Tinctura Gambir Composita, U. S. P.
Tincture of Gelsemium	Tinctura Gelsemii, U. S. P.
Tincture of Gentian, Compound	Tinctura Gentianæ Composita, U. S. P.
Tincture of Ginger	Tinctura Zingiberis, U. S. P.
Tincture of Golden Seal	Tinctura Hydrastis, U. S. P.
Tincture of Green Hellebore	Tinctura Veratri Viridis, U. S. P.
Tincture of Green Soap	Linimentum Saponis Mollis, U. S. P.
Tincture of Green Soap, Compound	Tinctura Saponis Viridis Composita, N. F. III.
Tincture of Guaiac	Tinctura Guaiaci, U. S. P.
Tincture of Guaiac, Ammoniated	Tinctura Guaiaci Ammoniata, U. S. P.
Tincture of Guaiac, Compound	Tinctura Guaiaci Composita, N. F.
Tincture of Henbane	Tinctura Hyoscyami, U. S. P.
Tincture of Hops	Tinctura Humuli, N. F.
Tincture of Hydrastis	Tinctura Hydrastis, U. S. P.
Tincture of Hyoscyamus	Tinctura Hyoscyami, U. S. P.
Tincture of Ignatia	Tinctura Ignatiæ, N. F.
Tincture of Iodine	Tinctura Iodi, U. S. P.
Tincture of Iodine, Decolorized	Tinctura Iodi Decolorata, N. F.
Tincture of Iodine, Stronger	Tinctura Iodi Fortior, N. F.
Tincturae of Ipecac and Opium	Tinctura Ipecacuanhæ et Opii, N. F.
Tincture of Jalap	Tinctura Jalapæ, N. F.
Tincture of Jalap, Compound	Tinctura Jalapæ Composita, N. F.
Tincture of Jamaica Ginger	Tinctura Zingiberis, U. S. P.
Tincture of Kino	Tinctura Kino, U. S. P.
Tincture of Kino and Opium, Compound	Tinctura Kino et Opii Composita, N. F.
Tincture of Kino Compound, N. F. III	Tinctura Kino et Opii Composita, N. F.
Tincture of Krameria	Tinctura Krameriæ, N. F.
Tincture of Lactucarium	Tinctura Lactucarii, U. S. P.
Tincture of Larkspur	Tinctura Delphinii, N. F.
Tincture of Lemon Peel	Tinctura Limonis Corticis, U. S. P.
Tincture of Lobelia	Tinctura Lobeliæ, U. S. P.
Tincture of Matico	Tinctura Matico, N. F. III.
Tincture of Musk	Tinctura Moschi, U. S. P.
Tincture of Myrrh	Tinctura Myrrhæ, U. S. P.
Tincture of Night Blooming Cereus	Tinctura Cacti Grandiflori, N. F.
Tincture of Nutgall	Tinctura Gallæ, N. F.
Tincture of Nux Vomica	Tinctura Nucis Vomicæ, U. S. P.
Tincture of Opium	Tinctura Opii, U. S. P.
Tincture of Opium, Camphorated	Tinctura Opii Camphorata, U. S. P.
Tincture of Opium, Deodorized	Tinctura Opii Deodorati, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Tincture of Opium with Saffron	Tinctura Opii Crocata, N. F.
Tincture of Paracoto	Tinctura Paracoto, N. F.
Tincture of Passion Flower	Tinctura Passifloræ, N. F.
Tincture of Pellitory	Tinctura Pyrethri, U. S. P.
Tincture of Phosphorus	Spiritus Phosphori, N. F. III.
Tincture of Physostigma	Tinctura Physostigmatis, U. S. P.
Tincture of Pimpinella	Tinctura Pimpinellæ, N. F.
Tincture of Poppy	Tinctura Papaveris, N. F. III.
Tincture of Pulsatilla	Tinctura Pulsatillæ, N. F.
Tincture of Pyrethrum	Tinctura Pyrethri, U. S. P.
Tincture of Quillaja	Tinctura Quillajæ, N. F.
Tincture of Quassia	Tinctura Quassiæ, U. S. P.
Tincture of Rhubarb	Tinctura Rhei, U. S. P.
Tincture of Rhubarb and Gentian	Tinctura Rhei et Gentianæ, N. F.
Tincture of Rhubarb, Aqueous	Tinctura Rhei Aquosa, N. F.
Tincture of Rhubarb, Aromatic	Tinctura Rhei Aromatica, U. S. P.
Tincture of Rhubarb, Sweet	Tinctura Rhei Dulcis, N. F.
Tincture of Rhubarb, Vinous	Tinctura Rhei Vinosa, N. F. III.
Tincture of Saffron	Tinctura Croci, N. F.
Tincture of Sanguinaria	Tinctura Sanguinariæ, U. S. P.
Tincture of Saw Palmetto and Santal	Tinctura Sabals et Santali, N. F.
Tincture of Serpentaria	Tinctura Serpentariæ, N. F.
Tincture of Squill	Tinctura Scillæ, U. S. P.
Tincture of Stramonium	Tinctura Stramonii, U. S. P.
Tincture of Stramonium Seed	Tinctura Stramonii Seminis, N. F.
Tincture of Strophanthus	Tinctura Strophamthi, U. S. P.
Tincture of Sumbul	Tinctura Sumbul, N. F.
Tincture of Sweet Orange Peel	Tinctura Aurantii Dulcis, U. S. P.
Tincture of Tolu	Tinctura Tolutana, U. S. P.
Tincture of Tolu, Ethereal	Tinctura Tolutana Ætherea, N. F. III.
Tincture of Tolu, Soluble	Tinctura Tolutana Solubilis, N. F. III.
Tincture of Valerian	Tinctura Valerianæ, U. S. P.
Tincture of Valerian, Ammoniated	Tinctura Valerianæ Ammoniata, U. S. P.
Tincture of Vanilla	Tinctura Vanillæ, N. F.
Tincture of Vanillin, Compound	Tinctura Vanillini Composita, N. F. III.
Tincture of Veratrum Viride	Tinctura Veratri Viridis, U. S. P.
Tincture of Viburnum, Compound	Tinctura Viburni Opuli Composita, N. F.
Tincture of Zedoary, Bitter	Tinctura Zedoariæ, Amaræ, N. F.
Tincture, Pectoral	Tinctura Pectoralis, N. F.
Tinctures	Tincturæ, U. S. P.
Tinctures, Ethereal	Tincturæ Æthereæ, N. F.
Tolu, Balsam of	Balsamum Tolutanum, U. S. P.
Tolu, Ethereal Tincture of	Tinctura Tolutana Ætherea, N. F.
Tolu, Soluble Tincture of	Tinctura Tolutana, Solubilis, N. F. III.
Tolu, Syrup of	Syrupus Tolutanus, U. S. P.
Tolu, Tincture of	Tinctura Tolutana, U. S. P.
Tragacanth	Tragracantha, U. S. P.
Tragacanth, Glycerite of	Glyceritum Tragacanthæ, N. F.
Tranquillaus, Balsamum	Oleum Hyoscyami Compositum, N. F.
Traumati Balsam	Balsamum Traumaticum, N. F. III.
Trichloracetic Acid	Acidum Trichloraceticum, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Trifolium	Trifolium, N. F.
Trifolium, Fluidextract of	Fluidextractum Trifolii, N. F.
Trihydroxybenzene	Pyrogallol, U. S. P.
Trillium, Fluidextract of	Fluidextractum Trilli, N. F.
Trinitrophenol	Trinitrophenol, U. S. P.
Trional	Sulphonethylmethanum, U. S. P.
Trionalum	Sulphonethylmethanum, U. S. P.
Trioxymethylenum	Paraformaldehydum, U. S. P.
Triplex Pills	Pilulæ Aloes Hydrargyri et Podophylli, N. F.
Triticum	Triticum, U. S. P.
Triticum, Fluidextract of	Fluidextractum Tritici, U. S. P.
Trituration of Elaterin	Trituratio Elaterini, U. S. P.
Triturations	Triturationes, U. S. P.
Troches of Ammonium Chloride	Trochisci Ammonii Chloridi, U. S. P.
Troches of Catechu, N. F. III	Trochisci Gambir, N. F.
Troches of Chalk	Trochisci Cretæ, N. F. III.
Troches of Charcoal	Trochisci Carbonis Ligni, N. F.
Troches of Cubeb	Trochisci Cubebæ, U. S. P.
Troches of Elm	Trochisci Ulmi, N. F.
Troches of Gambir	Trochisci Gambir, N. F.
Troches of Ginger	Trochisci Zingiberis, N. F. III.
Troches of Glycyrrhiza and Opium	Trochisci Glycyrrhizæ et Opii, U. S. P. VIII.
Troches of Ipecac	Trochisci Ipecacuanhæ, N. F. III.
Troches of Iron	Trochisci Ferri, N. F. III.
Troches of Krameria	Trochisci Krameriæ, U. S. P. VIII.
Troches of Magnesia	Trochisci Magnesiæ, N. F. III.
Troches of Morphine and Ipecac	Trochisci Morphinæ et Ipecacuanhæ, N. F. III.
Troches of Peppermint	Trochisci Menthæ Piperitæ, N. F.
Troches of Phenolphthalein	Trochisci Phenolphthaleini, N. F.
Troches of Potassium Chlorate	Trochisci Potassii Chloratis, U. S. P.
Troches of Quinine Tannate	Trochisci Quininæ Tannatis, N. F.
Troches of Santonin	Trochisci Santonini, N. F.
Troches of Santonin and Calomel	Trochisci Santonini Compositi, N. F.
Troches of Sodium Bicarbonate	Trochisci Sodii Bicarbonatis, U. S. P.
Troches of Sodium Santoninate	Trochisci Sodii Santoninatis, N. F. III.
Troches of Sulphur and Cream of Tartar	Trochisci Sulphuris et Potassii Bitartratis, N. F.
Troches of Sulphur and Potassium Bitartrate.	Trochisci Sulphuris et Potassii Bitartratis, N. F.
Troches of Tannic Acid	Trochisci Acidi Tannici, U. S. P.
Tubera Aconiti, P. I	Aconitum, U. S. P.
Tubera Jalapae	Jalapa, U. S. P.
Turkey Corn	Corydalis, N. F.
Turlington's Balsam	Balsamum Traumaticum, N. F. III.
Turnera, Elixir of	Elixir Turneræ, N. F. III.
Turner's Cereate	Unguentum Calaminæ, N. F.
Turpentine	Terebinthina, N. F.
Turpentine Liniment	Linimentum Terebinthinæ, U. S. P.
Turpentine Liniment, Acetic	Linimentum Terebinthinæ Aceticum, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Turpentine Oil	Oleum Terebinthinæ, U. S. P.
Turpeth Mineral	Hydrargyri Subsulphas Flavus, N. F. III.
Tussilago Leaves	Farfara, N. F.
Typical Emulsions	Emulsa Symbolica, N. F. III.
Unguentum Calaminare	Unguentum Calaminæ, N. F.
Unguentum Cantharidum	Ceratum Cantharidis, U. S. P.
Unguentum Cetacei	Unguentum Aquæ Rosæ, U. S. P.
Unguentum Creosoti Salicylatum Extensum.	Mulla Creosoti Salicylata, N. F.
Unguentum Glycerini	Glyceritum Amyli, U. S. P.
Unguentum Hydrargyri Album	Unguentum Hydrargyri Ammoniati, U. S. P.
Unguentum Hydrargyri Chloridi	Mulla Hydrargyri Chloridi Corrosivi, N. F.
Unguentum Matris	Unguentum Fuscum, N. F.
Unguentum Salicylatum Extensum, N. F. III.	Mulla Acidi Salicylici, N. F.
Unguentum Simplex	Unguentum, U. S. P.
Unguentum Sulfuratum	Unguentum Sulphuris, U. S. P.
Unguentum Zinci	Unguentum Zinci Oxidi, U. S. P.
Unguentum Zinci Carbonatis Impuri	Unguentum Calaminæ, N. F.
Unguentum Zinci Extensum, N. F. III	Mulla Zinci, N. F.
Unicorn Root	Aletris, N. F.
Unna Pencils	Stili Dilubiles, N. F.
Unna's Ichthyol Paste	Pasta Ichthyoli, Unna, N. F. III.
Unna's Soft Zinc Paste	Pasta Zinci Mollis, N. F.
Unna's Sulphurated Zinc Paste	Pasta Zinci Sulphurata, N. F.
Uranium Nitrate	Uranii Nitras, U. S. P.
Urethane	Æthylis Carbamas, U. S. P.
Urisol	Hexamethylenamine, U. S. P.
Uritone	Hexamethylenamina, U. S. P.
Urotropin	Hexamethylenamine, U. S. P.
Urtica, Fluidextract of	Fluidextractum Urticæ, N. F. III.
Uva Ursi	Uva Ursi, U. S. P.
Uva Ursi, Extract of	Extractum Uvæ Ursi, N. F. III.
Uva Ursi, Fluidextract of	Fluidextractum Uvæ Ursi, U. S. P.
Vaccine Virus	Virus Vaccinicum, U. S. P.
Valerian	Valeriana, U. S. P.
Valerian, Ammoniated Tincture of	Tinctura Valerianæ Ammoniata, U. S. P.
Velerian, Fluidextract of	Fluidextractum Valerianæ, N. F.
Valerian, Tincture of	Tinctura Valerianæ, U. S. P.
Vallet's Mass	Massa Ferri Carbonatis, U. S. P.
Vanilla	Vanilla, N. F.
Vanilla Bean	Vanilla, N. F.
Vanilla, Tincture of	Tinctura Vanillæ, N. F.
Vanillin	Vanillinum, U. S. P.
Vanillin, Compound Elixir of	Elixir Vanillini Compositum, N. F.
Vanillin, Compound Spirit of	Spiritus Vanillini Compositus, N. F.
Vanillin, Compound Tincture of	Tinctura Vanillini Composita, N. F. III.
Vaselin	Petrolatum, U. S. P.
Vaselinum	Petrolatum, U. S. P.
Vaselinum Album	Petrolatum Album, U. S. P.
Vegetable Cathartic Pills	Pilulæ Catharticæ Vegetabiles, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Venice Turpentine	Terebinthina Laricis, N. F.
Venice Turpentine Petrox	Petroxolinum Terebinthinæ Laricis, N. F.
Venice Turpentine Petroxolin	Petroxolinum Terebinthinæ Laricis, N. F.
Veratrine	Veratrina, U. S. P.
Veratrine Ointment	Unguentum Veratrinæ, N. F.
Veratrine, Oleate of	Oleatum Veratrinæ, N. F.
Veratrinum	Veratrina, U. S. P.
Veratrum	Veratrum, U. S. P. VIII.
Veratrum Viride	Veratrum Viride, U. S. P.
Veratrum Viride, Fluidextract of	Fluidextractum Veratri Viridis, U. S. P.
Veratrum Viride, Tincture of	Tinctura Veratri Viridis, U. S. P.
Verbena	Verbena, N. F.
Verbena, Fluidextract of	Fluidextractum Verbenæ, N. F.
Verbascum, Fluidextract of	Fluidextractum Verbasci, N. F.
Vermuth	Absinthium, N. F.
Vesalvine	Hexamethylamina, U. S. P.
Vesicating Collodium	Collodium Cantharidatum, U. S. P.
Viburnum	Viburnum Prunifolium, U. S. P.
Viburnam, Compound tincture of	Tinctura Viburni Opuli Composita, N. F.
Viburnum Opulus	Viburnum Opulus, N. F.
Viburnum Opulus, Compound Elixir of	Elixir Viburni Opuli Compositum, N. F.
Viburnum Opulus, Fluidextract of	Fluidextractum Viburni Opuli, N. F.
Viburnum Prunifolium	Viburnum Prunifolium, U. S. P.
Viburnum, Prunifolium Elixir of	Elixir Viburni Prunifolii, N. F.
Viburnum Prunifolium, Extract of	Extractum Viburni Prunifolii, U. S. P.
Viburnum Prunifolium, Fluidextract of	Fluidextractum Viburni Prunifolii, U. S. P.
Vichy Salt, Artificial	Sal Vichyanum Factitium, N. F.
Vichy Salt, Effervescent Artificial	Sal Vichyani Factitii Effervescens, N. F.
Vichy Salt with Lithium, Effervescent Artificial	Sal Vichyani Factitii Effervescens, cum Lithio, N. F.
Villate's Mixture	Mistura Adstringens, N. F.
Vinegar, Aromatic	Acetum Aromaticum, N. F.
Vinegar of Lobelia	Acetum Lobeliæ, N. F. III.
Vinegar of Opium	Acetum Opii, N. F.
Vinegar of Sanguinaria	Acetum Sanguinariæ, N. F. III.
Vinegar of Squill	Acetum Scillæ, U. S. P.
Vinous Tincture of Rhubarb	Tinctura Rhei Vinosa, N. F. III.
Vinum Ferri Citratis	Vinum Ferri, N. F.
Virginia Snakeroot	Serpentaria, U. S. P.
Vleminckx' Lotion	Liquor Calcis Sulphuratæ, N. F.
Velminckx' Solution	Liquor Calcis Sulphuratæ, N. F.
Volatile Liniment	Linimentum Ammoniæ, U. S. P.
Volatile Oil of Mustard	Oleum Sinapis Volatile, U. S. P.
Volatile Oil, Spirit of a	Spiritus Olei Volatilis, N. F.
Wahoo Bark	Euonymus, N. F.
Warburg's Pills	Pilulæ Antiperiodicæ, N. F.
Warburg's Tincture	Tinctura Antiperiodica, N. F.
Warburg's tincture without aloes	Tinctura Antiperiodica sine Aloe, N. F.
Warming Plaster	Emplastrum Picis Cantharidatum, N. F. III.
Warren's Styptic	Lotio Adstringens, N. F. III.
Washed Sulphur	Sulphur Lotum, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Water	Aqua, U. S. P.
Water. (See also under name of drug.)	
Water, Ammonia	Aqua Ammoniæ, U. S. P.
Water, Anise	Aqua Anisi, U. S. P.
Water, Bitter Almond	Aqua Amygdalæ Amaræ, U. S. P.
Water, Camphor	Aqua Camphoræ, U. S. P.
Water, Chloroform	Aqua Chloroformi, U. S. P.
Water, Cinnamon	Aqua Cinnamoni, U. S. P.
Water, Creosote	Aqua Creosti, U. S. P.
Water, Distilled	Aqua Destillata, U. S. P.
Water, Fennel	Aqua Fœniculi, U. S. P.
Water, Hamamelis	Aqua Hamamelidis, U. S. P.
Water, Orange Flower	Aqua Aurantii Florum, U. S. P.
Water, Peppermint	Aqua Menthæ Piperitæ, U. S. P.
Water, Rose	Aqua Rosæ, U. S. P.
Water, Spearmint	Aqua Menthæ Viridis, U. S. P.
Water, Sterilized Distilled	Aqua Destillata Sterilisata, U. S. P.
Water, Stronger Ammonia	Aqua Ammoniæ Fortior, U. S. P.
Water, Stronger Orange Flower	Aqua Aurantii Florum Fortior, U. S. P.
Water, Stronger Rose	Aqua Rosæ Fortior, U. S. P.
Wax, White	Cera Alba, U. S. P.
Wax, Yellow	Cera Flava, U. S. P.
Whisky	Spiritus Frumenti, U. S. P. VIII.
White Agaric	Agaricus, N. F.
White Ash Bark	Fraxinus, N. F.
White Ash, Wine of	Vinum Fraxini Americanæ, N. F.
White Castile Soap	Sapo, U. S. P.
White Dextrin	Dextrinum Album, N. F.
White Lead	Plumbi Carbonas, N. F.
White Mustard	Sinapis Alba, U. S. P.
White Oak Bark	Quercus, N. F.
White Petrolatum	Petroxolatum Album, U. S. P.
White Petroleum Jelly	Petrolatum, U. S. P.
White Pine Bark	Pinus Alba, N. F.
White Pine, Compound Syrup of	Syrupus Pini Strobi Compositus, N. F.
White Pine with Morphine, Compound Syrup of.	Syrupus Pini Strobi Compositus cum Morphina, N. F.
White Precipitate	Hydrargyrum Ammoniatum, U. S. P.
White Precipitate Ointment	Unguentum Hydrargyri Ammoniati, U. S. P.
White Sandal Wood	Santalum Album, N. F.
White Vaselin	Petrolatum Album, U. S. P.
White Walnut Bark	Juglans, N. F.
White Wax	Cera Alba, U. S. P.
White Wine	Vinum Album, U. S. P. VIII.
Wild Black Cherry Bark	Prunus Virginiana, U. S. P. IX.
Wild Chamomile	Matricaria, U. S. P.
Wild Cherry	Prunus Virginiana, U. S. P.
Wild Cherry, Fluidextract of	Fluidextractum Pruni Virginianæ, N. F.
Wild Cherry, Infusion of	Infusum Pruni Virginianæ, N. F.
Wild Cherry, Syrup of	Syrupus Pruni Virginianæ, U. S. P.
Wild Cherry, Ferrated Wine of	Vinum Pruni Virginianæ Ferratum, N. F.
Wild Cherry, Wine of	Vinum Pruni Virginianæ, N. F.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Wild Ginger	Asarum, N. F.
Wild Indigo Root	Dioscorea, N. F.
Wilkinson's Ointment	Unguentum Sulphuris Compositum, N. F.
Wine of Aloes	Vinum Aloes, N. F. III.
Wine of Antimony	Vinum Antimonii, N. F.
Wine of Beef	Vinum Carnis, N. F.
Wine of Beef and Iron	Vinum Carnis et Ferri, N. F.
Wine of Beef, Iron, and Cinchona	Vinum Carnis, Ferri et Cinchonæ, N. F. III.
Wine of Citrate of Iron	Vinum Ferri, N. F.
Wine of Coca	Vinum Cocæ, U. S. P. VIII.
Wine of Colchicum Corm	Vinum Colchici Cormi, N. F.
Wine of Colchicum Root	Vinum Colchici Radicis, N. F. III.
Wine of Colchicum Seed	Vinum Colchici Seminis, N. F.
Wine of Ergot	Vinum Ergotæ, U. S. P. VIII.
Wine of Ipecac	Vinum Ipecacuanhæ, N. F.
Wine of Iron	Vinum Ferri, N. F.
Wine of Iron, Bitter	Vinum Ferri Amarum, N. F.
Wine of Opium	Vinum Opii, U. S. P. VIII.
Wine of Orange, Compound	Vinum Aurantii Compositum, N. F.
Wine of Pepsin	Vinum Pepsini, N. F.
Wine of Rhubarb	Vinum Rhei, N. F. III.
Wine of Rhubarb, Compound	Vinum Rhei Compositum, N. F.
Wine of Tar	Vinum Picis, N. F.
Wine of White Ash	Vinum Fraxini, N. F.
Wine of Wild Cherry	Vinum Pruni Virginianæ, N. F.
Wine of Wild Cherry, Ferrated	Vinum Pruni Virginianæ, Ferratum, N. F.
Witch Hazel	Aqua Hamamelidis, U. S. P.
Witch Hazel Leaves	Hamamelidis Folia, N. F.
Wood Charcoal	Carbo Ligni, U. S. P.
Wool-Fat	Adeps Lanæ, U. S. P.
Wool-Fat, Hydrous	Adeps, Lanæ Hydrosus, U. S. P.
Worm Grass	Spigelia, U. S. P.
Wormwood	Absinthium, N. F.
Xametrin	Hexamethylenamina, U. S. P.
Xanthoxylum	Xanthoxylum, U. S. P.
Xanthoxylum, Fluidextract of	Fluidextractum Xanthoxyli, U. S. P.
Yeast, Compressed	Cerevisiæ Fermentum Compressum, N. F.
Yellow Cinchona	Cinchona, U. S. P.
Yellow Dock	Rumex, N. F.
Yellow Gentian Root	Gentiana, U. S. P.
Yellow Iodide of Mercury	Hydrargyri Iodidum Flavum, U. S. P.
Yellow Jasmine Root	Gelsemium, U. S. P.
Yellow Jassamine	Gelsemium, U. S. P.
Yellow Lotion	Lotio Flava, N. F.
Yellow Melilot	Melilotus, N. F.
Yellow Mercuric Oxide	Hydrargyri Oxidum Flavum, U. S. P.
Yellow Mercuric Oxide, Ointment of	Unguentum Hydrargyri Oxidi Flavi, U. S. P.
Yellow Mercuric Subsulphate	Hydrargyri Subsulphas, Flavus, N. F. III.
Yellow Mercurous Iodide	Hydrargyri Iodidum Flavum, U. S. P.
Yellow Mustard	Sinapis Alba, U. S. P.

Alphabetical list of official English titles, widely used synonyms, and trade names with the corresponding Latin titles of the U. S. P. and N. F.—Continued.

Yellow Peruvian Bark	Cinchona, U. S. P.
Yellow Sweet Clover	Melilotus, N. F.
Yellow Wash	Lotio Flava, N. F.
Yellow Wax	Cera Flava, U. S. P.
Yerba Santa	Eriodictyon, U. S. P.
Yolk of Egg	Ovi Vitellum Recens, N. F.
Yolk of Egg, Glycerite of	Glyceritum Vitelli, N. F.
Zea	Zea, N. F.
Zea, Fluidextract of	Fluidextractum Zeæ, N. F.
Zedoary	Zedoaria, N. F.
Zedoary, Bitter Tincture of	Tinctura Zedoariæ Amara, N. F.
Zinc	Zincum, U. S. P.
Zinc Acetate	Zinci Acetas, U. S. P.
Zinc and Iron, Compound Solution of	Liquor Zinci et Ferri Compositum, N. F.
Zinc and Aluminum, Compound Solution of.	Liquor Zinci et Alumini Compositus, N. F.
Zinc Bromide	Zinci Bromidum, U. S. P. VIII.
Zinc Carbonate, Precipitated	Zinc Carbonas Præcipitatus, U. S. P.
Zinc Chloride	Zinci Chloridum, U. S. P.
Zinc Chloride, Solution of	Liquor Zinci Chloridi, U. S. P.
Zinc Glycerogelatin, Firm	Glycerogelatinum Zinci Durum, N. F.
Zinc Glycerogelatin, Soft	Glycerogelatinum Zinci Molle, N. F.
Zinc Iodide	Zinci Iodidum, U. S. P. VIII.
Zinc Mull	Mulla Zinci, N. F.
Zinc Ointment	Unguentum Zinci Oxidi, U. S. P.
Zinc Oleate	Oleatum Zinci, N. F. III.
Zinc, Oleate of	Oleatum Zinci, N. F. III.
Zinc Oxide	Zinci Oxidum, U. S. P.
Zinc Oxide, Ointment of	Unguentum Zinci Oxidi, U. S. P.
Zinc Paste	Pasta Zinci, N. F.
Zinc Paste, Sulphurated	Pasta Zinci Sulphurata, N. F.
Zinc Phenolsulphonate	Zinci Phenolsulphonas, U. S. P.
Zinc Salve Mull	Unguentum Zinci Extensum, N. F. III.
Zinc Sulphate	Zinci Sulphas, U. S. P.
Zinc Sulphocarbolate	Zinci Phenolsulphonas, U. S. P.
Zinc Stearate	Zinci Stearas, U. S. P.
Zinc Stearate, Ointment of	Unguentum Zinci Stearatis, N. F.
Zincum Chloratum	Zinci Chloridum, U. S. P.
Zincum Oxydatum	Zinci Oxidum, U. S. P.
Zincum Sulfuricum	Zinci Sulphas, U. S. P.
Zincum Valerianicum	Zinci Valeras, U. S. P.
Zinc Valerate	Zinci Valeras, U. S. P.
Zinc Valerate, Elixir of	Elixir Zinci Valeratis, N. F.
Zinc Valerianate	Zinci Valeras, U. S. P.

HYGIENIC LABORATORY BULLETINS OF THE PUBLIC HEALTH SERVICE.

The Hygienic Laboratory was established in New York, at the Marine Hospital on Staten Island, August, 1887. It was transferred to Washington, with quarters in the Butler Building, June 11, 1891, and a new laboratory building, located in Washington, was authorized by act of Congress March 3, 1901.

The following *bulletins* [Bulls. Nos. 1–7, 1900 to 1902, Hyg. Lab., U. S. Mar.-Hosp. Serv., Wash.] have been issued:

*No. 1.—Preliminary note on the viability of the *Bacillus pestis*. By M. J. Rosenau.

No. 2.—Formalin disinfection of baggage without apparatus. By M. J. Rosenau.

*No. 3.—Sulphur dioxid as a germicidal agent. By H. D. Geddings.

*No. 4.—Viability of the *Bacillus pestis*. By M. J. Rosenau.

No. 5.—An investigation of a pathogenic microbe (*B. typhi murium* Danyz) applied to the destruction of rats. By M. J. Rosenau.

*No. 6.—Disinfection against mosquitoes with formaldehyde and sulphur dioxid. By M. J. Rosenau.

†No. 7.—Laboratory technique: Ring test for indol, by S. B. Grubbs and Edward Francis; Collodium sacs, by S. B. Grubbs and Edward Francis; Microphotography with simple apparatus, by H. B. Parker.

By act of Congress approved July 1, 1902, the name of the "United States Marine-Hospital Service" was changed to the "Public Health and Marine-Hospital Service of the United States," and three new divisions were added to the Hygienic Laboratory.

Since the change of name of the service the bulletins of the Hygienic Laboratory have been continued in the same numerical order, as follows:

*No. 8.—Laboratory course in pathology and bacteriology. By M. J. Rosenau. (Revised edition, March, 1904.)

†No. 9.—Presence of tetanus in commercial gelatin. By John F. Anderson.

*No. 10.—Report upon the prevalence and geographic distribution of hookworm disease (uncinariasis or anchylostomiasis) in the United States. By Ch. Wardell Stiles.

*No. 11.—An experimental investigation of *Trypanosoma lewisi*. By Edward Francis.

*No. 12.—The bacteriological impurities of vaccine virus; an experimental study. By M. J. Rosenau.

*No. 13.—A statistical study of the intestinal parasites of 500 white male patients at the United States Government Hospital for the Insane; by Philip E. Garrison, Brayton H. Ransom, and Earle C. Stevenson. A parasitic roundworm (*Agamomermis culicis* n. g., n. sp.) in American mosquitoes (*Culex sollicitans*); by Ch. Wardell Stiles. The type species of the cestode genus *Hymenolepis*, by Ch. Wardell Stiles.

*No. 14.—Spotted fever (tick fever) of the Rocky Mountains; a new disease. By John F. Anderson.

*No. 15.—Inefficiency of ferrous sulphate as an antiseptic and germicide. By Allen J. McLaughlin.

*No. 16.—The antiseptic and germicidal properties of glycerin. By M. J. Rosenau.

*No. 17.—Illustrated key to the trematode parasites of man. By Ch. Wardell Stiles.

*No. 18.—An account of the tapeworms of the genus *Hymenolepsis* parasitic in man, including reports of several new cases of the dwarf tapeworm (*H. nana)* in the United States. By Brayton H. Ransom.

*No. 19.—A method for inoculating animals with precise amounts. By M. J. Rosenau.

*No. 20.—A zoological investigation into the cause, transmission, and source of Rocky Mountain "spotted fever." By Ch. Wardell Stiles.

*No. 21.—The immunity unit for standardizing diphtheria antitoxin (based on Ehrlich's normal serum). Official standard prepared under the act approved July 1, 1902. By M. J. Rosenau.

*No. 22.—Chloride of zinc as a deodorant, antiseptic, and germicide. By T. B. McClintic.

*No. 23.—Changes in the pharmacopœia of the United States of America. Eighth decennial revision. By Reid Hunt and Murray Galt Motter.

No. 24.—The international code of zoological nomenclature as applied to medicine. By Ch. Wardell Stiles.

*No. 25.—Illustrated key to the cestode parasites of man. By Ch. Wardell Stiles.

*No. 26.—On the stability of the oxidases and their conduct toward various reagents. The conduct of phenolphthalein in the animal organism. A test for saccharin, and a simple method of distinguishing between cumarin and vanillin. The toxicity of ozone and other oxidizing agents to lipase. The influence of chemical constitution on the lipolytic hydrolysis of ethereal salts. By J. H. Kastle.

*No. 27.—The limitations of formaldehyde gas as a disinfectant with special reference to car sanitation. By Thomas B. McClintic.

*No. 28.—A statistical study of the prevalence of intestinal worms in man. By Ch. Wardell Stiles and Philip E. Garrison.

*No. 29.—A study of the cause of sudden death following the injection of horse serum. By M. J. Rosenau and John F. Anderson.

†No. 30.—I. Maternal transmission of immunity to diphtheria toxine. II. Maternal transmission of immunity to diphtheria toxine and hypersusceptibility to horse serum in the same animal. By John F. Anderson.

†No. 31.—Variations in the peroxidase activity of the blood in health and disease. By Joseph H. Kastle and Harold L. Amoss.

†No. 32.—A stomach lesion in guinea pigs caused by diphtheria toxine and its bearing upon experimental gastric ulcer. By M. J. Rosenau and John F. Anderson.

*No. 33.—Studies in experimental alcoholism. By Reid Hunt.

†No. 34.—I. *Agamofilaria georgiana* n. sp., an apparently new roundworm parasite from the ankle of a negress. II. The zoological characters of the roundworm genus *Filaria* Mueller, 1787. III. Three new American cases of infection of man with horsehair worms (species *Paragordius varius*), with summary of all cases reported to date. By Ch. Wardell Stiles.

†No. 35.—Report on the origin and prevalence of typhoid fever in the District of Columbia. By M. J. Rosenau, L. L. Lumsden, and Joseph H. Kastle. (Including articles contributed by Ch. Wardell Stiles, Joseph Goldberger, and A. M. Stimson.)

†No. 36.—Further studies upon hypersusceptibility and immunity. By M. J. Rosenau and John F. Anderson.

†No. 37.—Index-catalogue of medical and veterinary zoology. Subjects: Trematoda and trematode diseases. By Ch. Wardell Stiles and Albert Hassall.

No. 38.—The influence of antitoxin upon post-diphtheritic paralysis. By M. J. Rosenau and John F. Anderson.

†No. 39.—The antiseptic and germicidal properties of solutions of formaldehyde and their action upon toxines. By John F. Anderson.

†No. 40.—1. The occurrence of a proliferating cestode larva (*Sparganum proliferum)* in man in Florida, by Ch. Wardell Stiles. 2. A reexamination of the type

specimen of *Filaria restiformis* Leidy, 1880=*Agramomermis restiformis*, by Ch. Wardell Stiles. 3. Observations on two new parasitic trematode worms: *Homalogaster philippinensis* n. sp., *Agamodistomum nanus* n. sp., by Ch. Wardell Stiles and Joseph Goldberger. 4. A reexamination of the original specimen of *Tœnia saginata abietina* (Weinland, 1858), by Ch. Wardell Stiles and Joseph Goldberger.

†No. 41.—Milk and its relation to the public health. By various authors.

†No. 42.—The thermal death points of pathogenic microorganisms in milk. By M. J. Rosenau.

†No. 43.—The standardization of tetanus antitoxin (an American unit established under authority of the act of July 1, 1902). By M. J. Rosenau and John F. Anderson.

No. 44.—Report No. 2 on the origin and prevalence of typhoid fever in the District of Columbia, 1907. By M. J. Rosenau, L. L. Lumsden, and Joseph H. Kastle.

†No. 45.—Further studies upon anaphylaxis. By M. J. Rosenau and John F. Anderson.

No. 46.—*Hepatozoon perniciosum* (n. g., n. sp.); a hæmogregarine pathogenic for white rats; with a description of the sexual cycle in the intermediate host, a mite (*lelaps echidnimus*). By W. W. Miller.

No. 47.—Studies on thyroid: I. The relation of iodine to the physiological activity of thyroid preparations. By Reid Hunt and Atherton Seidell.

No. 48.—The physiological standardization of digitalis. By Charles Wallis Edmunds and Worth Hale.

No. 49.—Digest of comments on the United States pharmacopœia. Eighth decennial revision for the period ending December 31, 1905. By Murray Galt Motter and Martin I. Wilbert.

No. 50.—Further studies upon the phenomenon of anaphylaxis. By M. J. Rosenau and John F. Anderson.

No. 51.—Chemical tests for blood. By Joseph H. Kastle.

No. 52.—Report No. 3 on the origin and prevalence of typhoid fever in the District of Columbia (1908). By M. J. Rosenau, Leslie L. Lumsden, and Joseph H. Kastle.

No. 53.—The influence of certain drugs upon the toxicity of acetanilide and antipyrine. By Worth Hale.

No. 54.—The fixing power of alkaloids on volatile acids and its application to the estimation of alkaloids with the aid of phenolphthalein or by the Volhard method. By Elias Elvove.

No. 55.—Quantitative pharmacological studies; adrenalin and adrenalin-like bodies. By W. H. Schultz.

No. 56.—Milk and its relation to the public health. (Revised edition of Bulletin No. 41.) By various authors.

No. 57.—I. The presence of tubercle bacilli in the circulating blood in clinical and experimental tuberculosis. By John F. Anderson. II. The viability of the tubercle bacillus. By M. J. Rosenau.

No. 58.—Digest of comments on the pharmacopœia of the United States of America (eighth decennial revision) and the national formulary for the period ending December 31, 1906. By Murray Galt Motter and Martin I. Wilbert.

No. 59.—The oxidases and other oxygen catalysts concerned in biological oxidations. By Joseph Hoeing Kastle.

No. 60.—A study of the anatomy of Watsonius (n. g.), Watsoni of man, and of 19 allied species of mammalian trematode worms of the superfamily *Paramphistomoidea*. By Ch. Wardell Stiles and Joseph Goldberger.

No. 61.—Quantitative pharmacological studies: Relative physiological activity of some commercial solutions of epinephrin. By W. H. Schultz.

No. 62.—The taxonomic value of the microscopic structure of the stigmal plates in the tick genus Dermacentor. By Ch. Wardell Stiles.

†No. 63.—Digest of comments on the pharmacopœia of the United States of America (eighth decennial revision) and the national formulary (third edition) for the calendar year ending December 31, 1907. By Murray Galt Motter and Martin I. Wilbert.

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